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AUG 17 90

Lancaster Farming

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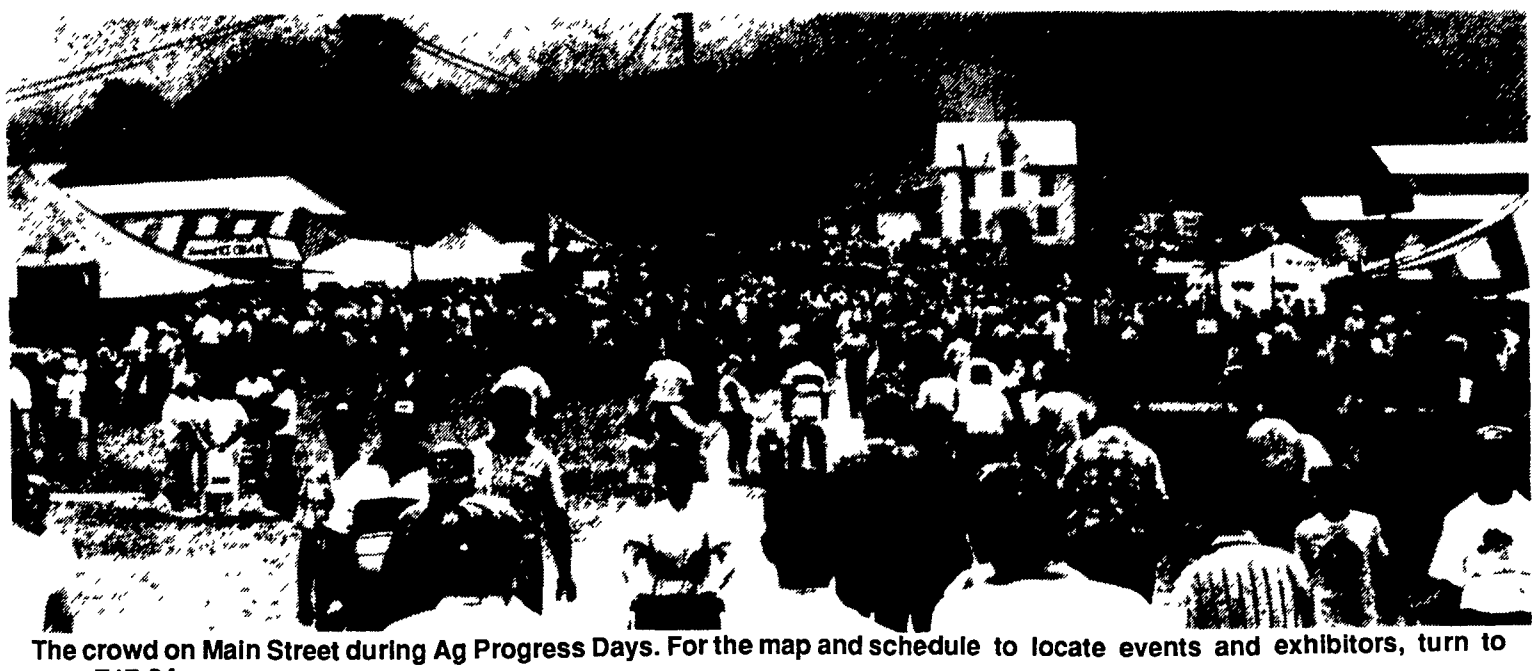
Ag Progress Days To Open August 14



The crowd on Main Street during Ag Progress Days. For the map and schedule to locate events and exhibitors, turn to pages E17-24.

ROCK SPRINGS (Centre Co.)—A wide range of agriculture-related programs — from animal welfare to conservation to biotechnology — will be part of the 22nd annual Ag Progress Days sponsored by Penn State's College of Agriculture, August 14-16.

Held at the university's 1,500 acre Russell E. Larson Agricultural Research Center at Rock Springs near State College, the three-day event attracts tens of thousands of people from farms, small towns and large cities.

To allow more people the chance to visit Ag Progress Days, hours for the event have been extended. Ag Progress Days will run from 9 a.m. to 5 p.m. on Tuesday and Thursday — August 14 and 16 — and from 9 a.m. to 8 p.m. Wednesday, August 15.

"We hope to see many first-time participants take advantage of after-work hours on Wednesday," said Keith Stevens, assistant to the dean for alumni relations and special events. "We also want to give travelers some additional time to tour the facilities."

This year's theme, "Food and Environmental Quality: Preparing for the 21st Centry," will highlight many of the issues that will face Pennsylvania and the world in the years and decades to come.

"Ag Progress Days is an opportunity to show visitors the many ways that agriculture touches our lives today, and to look to the future," said Dr. Lamartine F. Hood, dean of Penn State's College of Agriculture. "We want to show visitors the scope of issues that their College of Agriculture is addressing and how the research

(Turn to Page A51)

This Week's Issue Features Full Ag Progress Days Preparation Coverage

The Robert Hartung family gathers around the "Rohart rock" that they brought with them when they moved from New Jersey to Franklin County in April 1989. Seated on the rock are Robert Hartung holding grandson Brandon Beidel, and wife Kathy holding grandson Benjamin Beidel. In the back are Curtis Carbaugh, Hartung's hired man; son Thomas; daughter Susan Beidel and her husband Brad; Robert Hartung Jr. and his wife Debbie, holding Heather.

Hartung Family Hosts Franklin Club

BONNIE BRECHBILL
Franklin Co. Correspondent

MERCERSBURG (Franklin Co.) — Recent "immigrants" to Franklin County hosted this year's Franklin County Holstein Club's Field Day. The Robert Hartung family of Mercersburg moved here from Belvidere, New Jersey in April 1989. Robert Hartung, Sr. runs the operation in partnership with his two sons, Thomas and Robert, Jr.

Farming at Rohart farm is a family project. Wife and mother Kathy, who sells real estate, feeds calves and does the farm's bookkeeping. Robert Jr. is the field man, and his wife Debbie feeds calves and does the registrations. Thomas is responsible for the cows. Daughter Susan Beidel, who farms with her husband near Newburg, is the accountant for her parent's operation. Hired man Curtis Carbaugh, who "came with

(Turn to Page A50)

Egg Marketing Program Fails In Referendum

HARRISBURG (Dauphin Co.) — A proposal to establish a marketing program for Pennsylvania eggs failed to muster sufficient votes for enactment in a referendum conducted in late July.

State Department of Agriculture officials said that although 57 percent of the producers balloting approved the program, they owned only 43 percent of the laying hens represented by those voting.

For passage, the proposal had to attract a majority of the votes cast and those supporting it had to own a majority of the laying hens.

Ballots were mailed to 118 producers who each owned 30,000 or more laying hens. The results were tabulated Aug. 1 by a teller committee.

Pa. Pork Producers Council, National Board Announce Election

KUTZTOWN (Berks Co.) — The election of pork producer candidates for the 1991 National Pork Producers delegate body will take place at 8 p.m., Thursday, August 16, in conjunction with a board of directors meeting of the Pennsylvania Pork Producers Council at the region VI office of the Pennsylvania Department of Agriculture in Summerdale. All Pennsylvania pork producers are invited to attend.

Any producer who is a resident of the state and has paid all assessments due under the national 100 percent checkoff may be considered as a delegate candidate and participate in voting. Nominations will be taken from the floor at the time of election. For more information, contact the Pennsylvania Pork Producers Council, RD 2, Box 219, Kutztown, PA 19530, (215) 285-6519.

Pennsylvania Century Farm Owners Recognized

HARRISBURG (Dauphin Co.) — Thirty farms were recently designated by the Department of Agriculture as official Pennsylvania Century Farms, according to State Secretary of Agriculture Boyd E. Wolff.

"We are pleased to honor these farm owners for their dedication and contributions to our agricultural heritage. The farm family is still the backbone of our state and nation, and we are firmly committed to the preservation of our farmland resources," he said.

The Century Farms Program was established to help publicize the strengths and durability of our farm families and to stress the importance of agriculture to all citizens of the Commonwealth. To

(Turn to Page A49)

Lancaster Co. Livestock Market Auctions

Lancaster Livestock

Monday, Aug. 6, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	994	72	234	784	394
Last Monday's Auction	960	69	169	1139	468
Last Year's Auction	771	135	485	661	294

CATTLE Slaughter steers steady to firm, instances 50 higher; Choice 925-1125 lb slaughter heifers fully steady, 850-950 lb weights 50-75 lower, cows firm to 1 00 higher, bullocks scarce, bulls 50-1 00 lower Supply included 64% slaughter steers, 11% slaughter heifers, 14% cows, and 11% bulls

SLAUGHTER STEERS Mixed Choice and Prime 2-4 1140-1425 lb 76 50-77.50, one lot 1180 lb 3 to mostly 4 76 10, couple Choice 2 1200-1325 lb 77 25-78.50; Choice 2-3 few 4 1070-1415 lb 74 00-76 75, mainly 74.50-76.00; Choice 3-4 1400-1550 lb 73 35-74.60; Select and low Choice 2-3 1050-1550 lb 72 25-74 75; few Select 2-3 1050-1275 lb 67.00-71.50. HOLSTEINS· Choice 1065-1500 lb 67 50-69 75, couple high Choice and Prime 1395-1560 lb 70 50-73 00, few Select 1260-1680 lb 64.00-67.00

SLAUGHTER HEIFERS· Choice 2-3 950-1150 lb 73 00-75 00, 850-950 lb 68.35-70.50; Select and low Choice 2-3 925-1100 lb 67 00-69.75; Select 2-3 900-1100 lb 62.00-65.00; Select and low Choice mostly 3 1000-1300 lb heiferettes 54 50-61 00.

COWS LO DRESSING BULK HI DRESSING Breaking Uulity and Commercial 2-3 53 00-56.00 Commercial 3-4 50 50-53 00 Cutter and Boning Uulity 1-2 51 75-53.00 53 00-56 50 56 50-58.00 Canner and low Cutter 48 50-51 50

BULLOCKS Choice 2-3 1050-1300 lb 65 75-74 25, couple Select 1-3 1050-1200 lb 63 50-66 50

BULLS Yield grade 1 1250-2275 lb 65.00-71 00, around 15 head 71 00-76 75; yield grade 2 1000-1450 lb 62 75-65 00.

VEAL CALVES Vealers fully steady; slaughter calves steady. Demand good for Holstein bulls to return to farm

VEALERS. Choice 160-290 lb 100 00-120 00, couple 122.00-130.00, high Good and low Choice 140-300 lb 75 00-100 00, 80-110 lb 65 00-75.00

SLAUGHTER CALVES. Good and Choice 275-475 lb 70 00-85 00

RETURNED TO FARM Bulk 95-125 lb Holstein bulls 120 00-150 00, few 150 00 160 00, small frame 85-115 lb 100 00-115 00

HOGS Compared to last Monday barrows and gilts weak to 50 lower, sows fully steady

BARROWS AND GILTS US 1-3 210-260 lb 59 00 59 50. US 1 Few 215-245 lb 59 50-60 00

SOWS US 1-3 300-650 lb 47 00-50 00 Medium & US 1-2 350-500 lb 45 00-47 50 Few Medium 275-400 lb 40 00-45 00

BOARS All Weights 44 00-46 00

SHEEP Slaughter lambs mostly steady, slaughter ewes steady to weak

Vintage Livestock

Paradise, PA

August 7, 1990

CATTLE 753...USDA...(Supply included 50% steers and 46% cows)...Compared with Monday's market: Slaughter steers 1.00, instances 1.25 higher; Heifers scarce; Cows fully steady; Bulls steady to weak Choice & Prime 2-3, 1200/1450 lbs. sl steers 77.50-79 25, 4 head 79.75-80.50, Choice 2-3 few 4 1100/1500 lbs 75.50-78.10, Select & low Choice 2-3, 1050/1450 lbs. 72.50-75.50, Select 2-3, 1050/1325 lbs. 67.00-72.00; Choice 1190/1525 lbs Holsteins 65.50-67.75, couple High Choice 1270/1300 lbs 72.75&74 75, Select 1035/1650 lbs 62.75-65 50. Few Select & Choice 2-3 sl. heifers 970/1100 lbs 69 10-72 75 Breaking Utility & Commercial cows 2-4, bulk 53.75-56 50, high dressing 56.75-57.75, Cutter & Boning Utility 2-3, low dressing 51.50-52.75, bulk 53.00-56 50, high dressing 57.00-59 00, Canner & Low Cutter 47 00-49, bulk 49.00-51 75 Yield Grade No. 1, 1450/2080 lbs. sl. bulls 65.50-68.75, No. 2, 1100/1660 lbs. 60.25-62.75.

CALVES 957.. Supply included 714 in graded sale of which 87% sold to return to farm .Vealers steady. One Choice 215 lbs. 105.00, High Good & low Choie 150/340 lbs. 85 00-100 00, 80/105 lbs. 65.00-72.00, Standard & low Good 65/75 lbs. 50 00-62.00, few 60/65 lbs. 40 00-50.00 Farm Calves· Holstein Bulls 120/125 lbs 161 00, 110/115 lbs. 174 00-175, 100/105 lbs. 180.00-184, 90/95 lbs. 161.00-182, 80/90 lbs. 127.00-140, Small frame 100/120 lbs. 134.00-147, 80/95 lbs. 75 00-81.00; Hol. Heifers 90/115 lbs. 200.00-219.00, 80/85 lbs. 152.00, Small frame 70/100 lbs. 120.00-134 00.

SHEEP 2.

GOATS 1...No Market test.

SPRING LAMBS: Choice 80-110 lb 55.00-63.00, 60-80 lb 58.00-65.00, few 40-60 lb 60.00-70 00; Good to low Choice 60-80 lb 45.00-55 00; one lot low Good 100-110 lb 35 00-45 00, Choice and Prime 80-140 lb Shorn lambs with #1 Pelts 55 00-65 00.

SLAUGHTER EWES Uulity and Good 15 00-30 00, few Yearlings and two-year olds 30 00-35 00

GOATS All goats sold by the head Large, mainly 50 00-75 00, few 75 00-90 00, thin 35 00-45 00; Medium 25 00-35.00, few 35.00-40 00; Small, mainly kids, 20.00-35 00, several thin 10 00-20.00.

• CORRECTION •
BINKLEY & HURST AD- PG. C-6
Pressure Washer B17604
Priced Wrong at $478.75
SHOULD BE $748.75
Sorry For This Inconvenience.

Lancaster Livestock

Wed., August 8, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Auction	15	4	176	3	0
Last Wednesday's Auction	13	9	212	0	0
Last Year's Auction	54	4	431	0	0

CATTLE: Insufficient volume for a market test.

VEAL CALVES: Insufficient volume for a market test.

HOGS Small supply barrows, gilts and sows mostly steady.

BARROWS AND GILTS: US 1-3 220-260 lb 58.50-59.50.

SOWS: US 1-3 350-600 lb 47.00-50.50.

SHEEP. Insufficient volume for a market test.

GOATS: No market test.

Isennock Auction

New Park, PA

Monday, Aug. 6, 1990

Report supplied by auction

SLAUGHTER COWS: GOOD 53.75-55.50; LOW TO GOOD 50.75-52.00; LOW AND SHELLS 49.75 AND LOWER.

VEAL CALVES· 110-120 LBS. 115.00-180.00; 95-105 LBS. 110.00-191.00; 80-90 LBS. 84.00-137.00; 70-75 LBS. 75.00-132.00; WEAK CALVES 77.00 AND LOWER.

FEEDER CATTLE STEERS 310-340 LBS. 78.00-83.00; 1195-1315 LBS. 60.00-61.00.

FED STEERS: 1200-1455 LBS. 69.25-72.50; HOLSTEINS 1000-1060 LBS. 56.00-58.75.

BULLS: 1 AT 1515 LBS. 60.25.

SOWS: GOOD 480-540 LBS. 46.75-48.00; LIGHT 260-285 LBS. 44.50-47.50, OTHERS 45.50 `AND LOWER.

BOARS: 1 AT 515 LBS. 48.00; LIGHT 250-330 LBS 42.00-42.50.

GOATS: MEDIUM 49.00-50.00 HEAD AND SMALL 31.00 HEAD.

New Holland Horses

New Holland Sales Stables

New Holland, PA

Monday, Aug. 6, 1990

REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 251 HEAD OF HORSES, MULES AND PONIES. MARKET STEADY.

DRIVING HORSES: 450.00-1000.00.

RIDING: 400.00-775.00.

BETTER HORSES: 810.00-925.00.

LIGHTWEIGHT KILLERS: 350.00-475.00.

HEAVYWEIGHT KILLERS· 525 00-785.00, 1 AT 870.00.

THIN HORSES. 125.00-275 00.

MARE PONIES: 45.00-150.00.

COLTS: 35.00-70.00

GELDINGS: 45.00-150.00.

LARGER PONIES. 275 00-445 00

New Holland Livestock

August 9, 1990

	Cattle	Calves	Sheep	Goats
Toda	1243	666	126	95
Last·Thursday	1241	592	139	91
Last Year	994	755	211	36

CATTLE: Slaughter steers weak to 50 lower, with some early sales fully 1.00 lower; small supply slaughter heifers steady; cows steady, instances 50 lower on Canner and low Cutter; bullocks and bulls steady to weak. Supply included 67% slaughter steers and 24% cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1250-1500 lb 77.00-77.75; few Choice and Prime 2-3 1200-1350 lb 77 75-79.00; Choice 2-3 few 4 1100-1500 lb, few 1500-1660 lb 74.00-77.50, mainly 74.50-77.00; Select and low Choice 2-3 1050-1400 lb 72.00-74.25, many returning to feedlot; Select 2-3 1000-1300 lb 68.50-72.50. HOLSTEINS: Few high Choice and Prime 1135-1425 lb 70 50-74.00; Choice 1170-1450 lb 66.00-68.50.

SLAUGHTER HEIFERS: Choice 2-3 975-1050 lb 70.50-74.75; Select 2-3 925-1050 lb 68.75-71.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-4 53.50-56.00 56.00-57.50. Commercial 3-4 49.00-52.50. Cutter and Boning Utility 2-3 51.00-52.75 53.00-56.25 56.25-57.50. Canner and low Cutter 46.50-49.00 49.00-51.75.

BULLOCKS: Choice 2-3 1075-1250 lb 65.50-67.25; Select 1-3 1050-1300 lb 64.00-65.50.

BULLS: Yield grade 1 1400-2100 lb 65.50-67.75, individual 69.50; yield grade 2 1050-1550 lb 62.75-65.50.

VEAL CALVES: Vealers weak to 5.00 lower. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Few Choice 185-275 lb 99.00-106.00, individual 115.00; high Good and low Choice 150-350 lb 83.00-95.00, 80-110 lb 68.00-74.00, couple 74.00-77.00; Standard and low Good 60-80 lb 62.00-68.00.

RETURNED TO FARM: Bulk 90-120 lb Holstein bulls 145.00-180.00, few 180.00-186.00; small frame 85-115 lb 100.00-135.00; bulk 90-115 lb Holstein heifers 170.00-200.00, few 200.00-210.00.

SHEEP. Slaughter lambs mostly steady; slaughter ewes weak to 5 00 lower.

SPRING LAMBS: Choice 70-105 lb 54.00-60.00, couple 60.00-65.00; Good to low Choice 65-100 lb 46.00-54.00.

SLAUGHTER EWES: Utility and Good 10.00-24.00, few 24.00-27.00; Yearlings and two-year olds 27.00-34.00.

GOATS: All goats sold by the head. Large 65.00-86.00, four head 100.00-120.00; Medium 43.00-60.00, thin 30.00-43.00; Small, mainly kids, 22.00-32.00.

Lancaster County Weekly

August 10, 1990

	CATTLE	CALVES
THIS WEEK	3100	1700
LAST WEEK	3166	1563
LAST YEAR	2768	1952

CATTLE: Slaughter steers firm to 50 higher, extremes during the week as much as 1.25 higher; slaughter heifers uneven, Choice 925-1125 lb fully steady, 850-950 lb weights 50-75 lower; cows mostly 1 00 higher; bullocks scarce; bulls 50-1.00 lower. Supply included 60% slaughter steers, 5% slaughter heifers, 25% cows, 6% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 2-4 1200-1500 lb 77.00-77 75, few Choice and Prime 2-3 1200-1450 lb 77.75-79.25, five head 79.75-80 50, Choice 2-3 few 4 1100-1500 lb, few 1500-1660 lb 74.00-78.00, mainly 74.50-77.00; Select and low Choice 2-3 1050-1400 lb 72.00-74.50, many returning to feedlot; Select 2-3 1000-1325 lb 67.00-72.50. HOLSTEINS: High Choice and Prime 1250-1560 lb 70.50-74.75, Choice 1065-1500 lb 65.50-69.75; Select 1220-1680 lb 64.00-67.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1150 lb 72.50-75.00, 850-950 lb 68.35-70.50; Select and low Choice 2-3 925-1100 lb 67.00-71.00; Select 2-3 900-1100 lb 62.00-65.00; Select and low Choice mostly 3 1000-1300 lb heiferettes 54.75-61.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility and Commercial 2-3 53.50-56.50 56.50-57 75 Commercial 3-4 49.00-53.00 Cutter and Boning Utility 1-2 51.00-52.75 53.00-56.50 56.50-59.00. Canner and low Cutter 46.50-49.00 49.00-51.75.

BULLOCKS: Choice 2-3 1050-1300 lb 65.50-74.25; Select 1-3 1050-1300 lb 63.50-66.50.

BULLS: Yield grade 1 1250-2275 lb 65.00-71.00, around 15 head 71.00-76.75, yield grade 2 1000-1450 lb 62.75-65.50, few low dressing 60.25-62 75.

VEAL CALVES: Vealers weak to 5.00 lower; slaughter calves steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Choice 160-290 lb 99.00-106.00, couple High Choice and Prime 250-300 lb 115.00-130.00; high Good and low Choice 140-350 lb 80.00-100 00, 80-110 lb 65.00-74.00, couple 74 00-77.00; Standard and low Good 65-80 lb 55.00-65.00, few 60-65 lb 40.00-50.00

SLAUGHTER CALVES: Good and Choice 275-475 lb 70 00-85 00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 145.00-186.00; small frame 95-120 lb 130.00-147.00, few 85-95 lb 75.00-110 00. Bulk 90-115 lb Holstein heifers 170.00-210.00, few 210.00-219.00, small frame 70-85 lb 120.00-152.00.

B&R CATTLE CO.
RD 1, Marietta, PA
17547
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AUCTIONS
MONDAY
9:00 A M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A M —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A M —Veal Calves, Lambs
FRIDAY
11:00 A.M —Stocker and Feeder Cattle
SATURDAY
8.00 A.M. —Slaughter Hogs
Next Feeder Cattle Sale
Fri., Aug. 24 11:00 A.M.
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

VINTAGE SALES STABLES, INC.
COMPETITION IS THE ADVANTAGE
MARKET
YOUR LIVESTOCK
THE VINTAGE WAY
TUESDAY
11:00 A.M.
SLAUGHTER CATTLE AUCTION—
STEERS, BULLS, HEIFERS,
COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY—
OUR STATE GRADER
STARTS AT 1:00 P.M.
★NEW★
FEEDER & STOCKER
ORDERS NOW
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TRUCKING SERVICE
AVAIL.-LOCAL &
LONG DISTANCE
(RT. 30, 10 MILES EAST
OF LANCASTER IN
PARADISE, PA)

Hog Markets

New Holland Pigs
August 6, 1990

TODAY	741
LAST WEEK	786
LAST YEAR	1122

TREND: Compared to last Monday barrows and gilts weak to 50 lower, instances 1 00 lower on US 1-3.

BARROWS AND GILTS: US 1-2 220-155 lb 60.00-61.00, Few late 61 00-61.50.

US 1 215-245 lb 62.00-63.50, One lot 245 lb 64.25.

US 1-3 215-265 lb 57.50-59.75.

New Holland Feeder Pigs
August 8, 1990

TODAY	895
LAST WEDNESDAY	862
LAST YEAR	892

TREND: Compared to last Wednesday feeder pigs weak to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 95 30-35 101.00-107.00. 70 40-49 96 00-101.00, 52 47-50 102.00-111.00. 95 50-59 88.00-95.00. 68 62-64 88.00-92.00. 10 74 83.00.

US 2 51 23-25 104.00-110.00. 77 36-39 84 00-101.00. 118 46-50 78.00-89.00. 12 64-67 64.00-75.00.

US 2-3 63 25-28 76.00-90.00. 74 32-64 68 00-78.00.

Indiana Hogs
August 8, 1990

HOGS 51

BARROWS AND GILTS FEW STEADY, MOSTLY .50-1.00 LOWER. DEMAND MODERATE.

US 1-2 220-260 LBS. 57.00-58.25

PLANT DELIVERED TO 59.00

210-220 LBS. 55.50-57.00

US 1-3 210-260 LBS. 55.50-57.50

SOWS: STEADY, INSTANCES 1.00 LOWER.

US 1-3 300-500 LBS. 45.00-47.00

500-650 LBS. 46.00-49.00, FEW TO 50 00

INDIANA DIRECT RECEIPTS

TUESDAY'S ACTUALS 14,300 TODAY'S ESTIMATE 14,500 WEDNESDAY WEEK AGO 16,000 WEDNESDAY YEAR AGO 15,100 WEEK TO DATE 49,400 SM PD WEEK AGO 47,500 SM PD YEAR AGO 51,900

CARCASS BASIS HOG PRICES: HOT WEIGHTS: PLANT DELIVERED. 160-185 LBS. BARROWS & GILTS: STEADY TO .68 LOWER

US 1 (BACKFAT THICKNESS .5-.79 IN.) 81.84 TO 84.53 US 1 (BACKFAT THICKNESS .8-.99 IN.) 80.18 TO 81.84 US 2 (BACKFAT THICKNESS 1.00-1.24 IN.) 78.96 TO 80.54 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 77.96 TO 78 96 US 4 (BACKFAT THICKNESS 1 50-1 79 IN.) 74.11 TO 77.96

ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

Lancaster Hogs
Lancaster Stockyards
Sat., August 4, 1990
Report supplied by auction

700 HEAD.
US 1 215-245 LBS. 60.75-61.25.
US 1-2 215-245 LBS. 60.00-60.50.
US 1-3 215-245 LBS. 59.50-60.00.
US 2-4 215-255 LBS. 58.00-59.00.
GOOD SOWS: 47.50-50.00.
MEDIUM SOWS: 45.00-47.50.
THIN SOWS: 40.00-45.00.
HEAVY BOARS: 45.00-46.25.
LIGHT BOARS: 47.50-50.00.

State Graded Feeder Pig Sale
at Carlisle Livestock Auction
Friday, July 27, 1990

RESULTS ON 1434 HEAD OF PIGS. TREND: MOSTLY 15.00 LOWER. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

US#1 AND 2: 805 HEAD. 112 HEAD 32-39 LBS. 98.00-112.00; 187 HEAD 42-49 LBS. 91.00-113.00; 315 HEAD 50-59 LBS. 90.00-110.00; 186 HEAD 61-69 LBS. 85.00-99.00; 5 HEAD 72-85 LBS. 75.00-76.00.

US #2: 472 HEAD. 29 HEAD, 25-29 LBS. 80.00-81.00; 86 HEAD 33-38 LBS. 81.00-93.00; 188 HEAD 43-49 LBS. 86.00-100.00; 166 HEAD 51-59 LBS. 85.00-100.00; 3 HEAD 50 LBS 59.00.

US NO. 2'S AND 3'S: 120 HEAD. 50 HEAD 16-29 LBS. 70.00-85.00; 47 HEAD 31-39 LBS. 65.00-80.00; 15 HEAD 41-49 LBS. 70.00-79.00; 8 HEAD 56 LBS. 55.00.

UTILITIES: 17 HEAD 25-54 LBS. 45.00-61.00.

AS IS: 20 HEAD, 20-57 LBS. 44.00-49.00.

NEXT STATE GRADED SALE FRIDAY, AUGUST 10, 1:30 P.M. GRADING 7:30 A.M.-11:30 A.M.

State Graded Feeder Pig Sale
at Westminster
Livestock Auction
Aug. 3, 1990

901 PIGS. 2 WEEKS AGO 730. COMPARED WITH TWO WEEKS AGO. PRICES WERE 10.00-20.00 PER HUNDRED LOWER. EXTREMES 25.00 LOWER FOR PIGS UNDER 50 LBS.

GRADES 1 AND 2: 98 HEAD. 35-46 LBS. 88.00-96.00; 132 HEAD 35-47 LBS. 75.00-84.00; 233 HEAD 51-56 LBS. 89.00-95.50; 66 HEAD 48-51 LBS. 81.00-84.00; 43 HEAD LANDRACE X 50 LBS. 66.00; 153 HEAD 60-65 LBS. 83.00-90.50; 81 HEAD 68-74 LBS. 71.00-80.00; 15 HEAD 86 LBS. 70.50.

GRADE 2: 33 HEAD 37-58 LBS. 68.00-75.00; 37 HEAD 71-73 LBS. 61.00-67.00.

NEXT SALE: AUG. 17, AT 1:30 P.M.

Hay & Grain Markets

Pa. Grain
Aug. 6, 1990
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN UNEVEN, MOSTLY STEADY TO .03 LOWER; WHEAT WEAK TO .10 LOWER; BARLEY STEADY TO .02 LOWER; OATS STEADY TO .03 LOWER; SOYBEANS STEADY TO .07 HIGHER; EAR CORN TO 1.00 LOWER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 3.00-3.40, AVERAGE 3.17, FEW REPORTED CONTRACT FOR HARVEST 2.50-2.68; @WHEAT NO. 2 RANGE 2.90-3.10, AVERAGE 2.94; BARLEY NO. 3 RANGE 2.00-2.30, AVERAGE 2.08; OATS NO. 2 RANGE 1.20-1.40, FEW REPORTED 1.55, AVERAGE 1.31; SOYBEANS NO. 1 RANGE 5.50-6.30, AVERAGE 5.88, FEW REPORTED CONTRACT FOR HARVEST 5.60-5.88; FEW REPORTED GR. SORGHUM #2 FEW REPORTED CONTRACT FOR HARVEST 2.60; EAR CORN RANGE 80.00-110.00, AVERAGE 93.71.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.95-3.35, AVERAGE 3.17; @WHEAT NO. 2 RANGE 2.80-3.00, AVERAGE 2.90; BARLEY NO. 3 RANGE 1.85-2.35, AVERAGE 2.09; OATS NO. 2 RANGE 1.20-1.40, AVERAGE 1.30; FEW REPORTED SOYBEANS NO. 1 RANGE 6.25, AVERAGE 6.25; EAR CORN RANGE 80.00-90.00, AVERAGE 85.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 3.00-3.35, AVERAGE 3.19; @ WHEAT NO. 2 RANGE 2.90-3.10, AVERAGE 2.95; BARLEY NO. 3 RANGE 1.90-2.30, AVERAGE 2.09; OATS NO. 2 RANGE 1.20-1.40, AVERAGE 1.29; SOYBEANS NO. 1 RANGE 5.40-6.30, AVERAGE 5.90; EAR CORN RANGE 80.00-110.00, AVERAGE 89.80.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 3.10-3.30, AVERAGE 3.22; @WHEAT NO. 2 RANGE 2.90-3.05, AVERAGE 3.00; BARLEY NO. 3 RANGE 1.90-2.25, AVERAGE 2.10; OATS NO. 2 RANGE 1.20-1.40, AVERAGE 1.27; SOYBEANS NO. 1 RANGE 5.40-6.15, AVERAGE 5.87; EAR CORN RANGE 80.00-91.50, AVERAGE 86.79.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.94-3.40, AVERAGE 3.18; @WHEAT NO. 2 RANGE 2.85-3.10, AVERAGE 3.04; BARLEY NO. 3 RANGE 2.00-2.05, AVERAGE 2.03; OATS NO. 2 RANGE 1.30-1.85, AVERAGE 1.44; FEW REPORTED SOYBEANS NO. 1 RANGE 5.95, AVERAGE 5.95; EAR CORN RANGE 81.00-85.00, AVERAGE 83.00.

MONTH AGO

CORN NO. 2-Y 3.23; @WHEAT NO. #2 3.21; BARLEY NO. 3 2.11; OATS NO. 2 1.60; SOYBEANS NO. 1 6.08; AVERAGE EAR CORN 90.63.

YEAR AGO

CORN NO. 2-Y 2.94; @WHEAT NO. #2 3.53; BARLEY NO. 3 1.97; OATS NO. 2 1.49; SOYBEANS NO. 1 6.21; AVERAGE NEW EAR CORN 90.33.

Regional Hay
Aug. 6, 1990
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW FULLY STEADY.

ALFALFA 70.00-110.00; MIXED HAY 65.00-90.00, FEW 50.00; TIMOTHY HAY 50.00-90.00; STRAW 30.00-60.00, FEW 80.00; MULCH 20.00-40.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 8/3/90. PRICES PER TON: LOADS: 149 HAY, 105 STRAW, AND 54 EAR CORN.

ALFALFA 85.00-145.00; MIXED HAY 90.00-140.00; TIMOTHY HAY 86.00-116.00; STRAW 50.00-90.00; EAR CORN 87.00-119.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 8/3/90. PRICES PER TON: LOADS: 64 HAY, 24 STRAW & 16 EAR CORN.

ALFALFA, FEW REPORTED 75.00-120.00; MIXED HAY 50.00-90.00; TIMOTHY HAY FEW REPORTED 80.00-95.00; STRAW 50.00-71.00; EAR CORN 85.00-97.50.

Diffenbach Auction Center
New Holland, PA
Monday, August 6, 1990
Report Supplied by Auction

TOTAL LOADS: 149.
ALFALFA: 82.00-175.00.
MIXED HAY: 70.00-147.00.
TIMOTHY: 65.00-134.00.
CLOVER: 80.00-100.00.
STRAW: 40.00-122.00.
EAR CORN: 81.00-122.00.
OATS: 1.60-1.85.
RYE: 3.65-4.50.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10.00 a.m. Monday.

Keister's Hay
Middleburg, PA
Tuesday, Aug. 7
Report supplied by auction

10 LOADS OF HAY.
MIXED HAY: 47.50-127.50.
STRAW: 8 AT 40.00-50.00.
EAR CORN: 10 AT 90.00-105.00.
OATS: 1 AT 1.75.
WHEAT: 2.40 BU.

Good's Hay
Leola, Pa.
Wed., Aug. 8, 1990
Report Supplied by Auction

99 LOADS.
MIXED HAY: 40.00-142.00.
TIMOTHY: 50.00-140.00.
ALFALFA: 69.00-130 00.
GRASS: 50.00-61.00.
CLOVER: 1 AT 87.50.
STRAW: 37.00-86.00.
CORN: 101.00-125.00.
OATS: 1.40-1.70 BU.
RYE: 4.50-3.75 BU.

Vintage Hay
Paradise, PA
Thurs., Aug. 9, 1990
Report Supplied by Auction

MIXED HAY: 60.00-75.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Aug. 3, 1990
Report Supplied by Auction

TOTAL LOADS: 87.
MIXED HAY: 67.00-145.00.
ALFALFA. 112.00-165.00.
TIMOTHY: 53.00-136.00.
CLOVER: 85.00 AND 88.00.
STRAW: 48.00-107.00.
EAR CORN: 87.00-110.00.
OATS: 1.70-2.00 BU.
BAILED NEWSPAPER: 45.00.

Leinbach's Hay
Shippensburg, PA
Aug. 4 and 7
Report Supplied by Auction

TOTAL LOADS: 34.
ALFALFA: 65.00-115 00.
MIXED HAY: 40.00-68.00.
TIMOTHY: 65.00-95.00.
CLOVER: 52.00.
BROME GRASS: 75.00-105.00.
STRAW: 30.00-80.00.
EAR CORN: 100.00-107.00.
OATS: 1.70 BU.
MULCH HAY: 20 00-29.00.

Westminster Hay
Westminster, Md.
Tuesday, Aug. 7, 1990
Report Supplied by Auction

TOTAL LOADS: 30.
ALFALFA: 80.00-110.00, 1.70-3.00 BALE.
ALFALFA MIX: 1.60 BALE.
ORCHARD MIX: 1.40 BALE.
TIMOTHY: 87.50, 1.90-2.10 BALE.
MIXED HAY: 1.10-1.20 BALE
OAT STRAW: 90-1.10 BALE.

Dewart Hay
Dewart, PA.
Monday, Aug. 6, 1990
Report Supplied by Auction

5 LOADS HAY, 50 00-100.00
STRAW: 6 AT 50 00-60.00.

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Pseudorabies Free
FRI., AUG. 17
1:30 P.M.
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Westminster, MD
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N.E. Weekly Shell Egg Report

Tuesday, Aug. 7
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.06-1.10	.98-1.02	.68-.72	.43-.47
MOSTLY	1.08-1.09	1.00-1.01	.70-.71	.45-.46
RHODE ISLAND	1.09-1.13	1.01-1.05	.71-.75	.46-.50
MOSTLY	1.09	1.01	.71	.46
VERMONT	1.15-1.20	1.05-1.15	.79-.89	
MOSTLY	1.15	1.08	.80	
MAINE	1.13-1.18	1.05-1.10	.75-.80	.50-.55

National Egg Market

August 8, 1990

Prices were unchanged. Trade sentiment was usually barely steady. Demand ranged light to moderate, with scattered retail features stimulating additional interest. Supplies were adequate, with some reports of the larger sizes in the closest position. Trading and demand light for breaking stock with most further processors unaggressive

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Delmarva Broiler Fryer

August 8, 1990

Movement of ready to cook whole fryers was fairly good for mid-week. Supplies were in good balance with immediate needs. Less than truckiot asking prices were higher at 52-66 cents. Live supplies were adequate. Average live weights were in a desirable range. Processing schedules were heavy. The trade sentiment was fully steady to firm. In the parts complex, supplies of cutlets and leg quarters were in close balance, whole breasts were short of the active buyer call, legs were irregularly distributed and ranged adequate to ample, and wings were fully adequate to ample for the cautious buyer.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 8/ 8 8/ 6 8/ 6 8/ 1 7/30 2,135 2,121 4.52 1,794 4.44

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 52-66 WEIGHTED AVERAGE 59.23 NO. OF BOXES 8,777

N.Y. & Phila. Frozen Eggs

August 6, 1990

Whole egg prices trended lower while other items held unchanged. Trading activity was limited and usually of a fill-in nature. Raw materials were usually available but breakers were unaggressive and generally worked with regular commitments. Floor stocks were in good balance to satisfy current buyer interest.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 55-59 MOSTLY 56-57 60-66 BLENDS (/) - MOSTLY - 62-72 WHITES 49-52 MOSTLY 50-51 52-58 YOLKS (MIN. 43% SOLIDS) SUGARED 65-69 MOSTLY 67-68 69-75 SALTED 62-65 MOSTLY 62-63 65-70 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Heinsey's Poultry

Roots, E. Petersburg
August 7, 1990

Muscovy Ducks, Drakes 1.50-2.00.
Hens 1.00-1.10.
Pekin Ducks .38-.46.
Pullets 5-7# .40-.54.
Red Fowl: 4-4.5# .40-.58, 5-6# .60-.84.
Crossbred Roosters: 4-6# .30-.94, 7-11# .30-.84.
Crossbred Fowl: 5-9# .28-.54.
Banty Roosters 4.00-6.00 ea.
Banty Hens 1.00-2.75 ea.
Guinea Pigs .50-2.25 ea.
Goats 40.00-78.00.
Kid Goats 20.00-38.00 ea.
Guinea Fowl 1.90-2.15.
Geese 8-15# .20-.44.
Pigeons 1.50-1.85 ea.
White Pigeons 1.50-2.25 ea.
Rabbits: 4-6# .50-.74, 7-11# .40-.54.
Leghorn Roosters .34-.44.
Leghorn Hens .15-.24.
Bunnies .50-1.50 ea.
Doves 2.50-4.00 ea.
Silkies 2.00-3.25 ea.
Total Coops Sold 890.

N.E. Chicken Parts

August 8, 1990

Trucklot buying interest was mixed and selective. Supplies and offerings of skinless boneless breasts were uneven, but generally lighter and held with increased confidence. Whole breasts were short of an active call. Legs and thighs were adequate to fully adequate, while leg quarters were adequate. Drums were noted difficult to fill at some points. Wings remained in excess with limited trading noted as low as 55 cents to stimulate clearances.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 190-195 RIBS ON 94-95 LINE RUN 94 LEGS 38-39 LEG QUARTERS 33 THIGHS 33-34 DRUMSTICKS 35 WINGS 66-67 BACKS & NECKS 10-12 LIVERS 25-30 GIZZARDS (HEARTS) 30

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

New England Shell Eggs

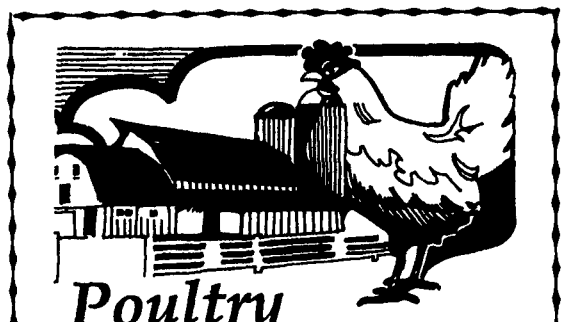
August 8, 1990

Prices were unchanged. Trade sentiment was cautiously steady. Demand was fair to good, mostly moderate. Supplies were generally in close balance.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: JUMBO .97-1.00, EX LARGE .80-.83, LARGE .72-.75, MEDIUM .42-.45, SMALL .17-.20.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .99-1.02. A LARGE .91-.94, A MEDIUM .61-.64.



Weekly New York Egg Market Northeast Quotes

From Fri., Aug. 3 to Thurs., Aug. 9

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	1.01	1.01	1.01	1.01	.98
EX. LARGE	.91	.91	.91	.91	.88
LARGE	.86	.86	.86	.86	.83
MEDIUM	.66	.66	.66	.66	.63
PULLETS	.51	.51	.51	.51	.49
OFF GRADE	.74	.74	.74	.74	.71
BROWN					
EXTRA LARGE	.97	.97	.97	.97	.95
LARGE	.92	.92	.92	.92	.90
MEDIUM	.77	.77	.77	.77	.75
OFF GRADE					
UNDERGRADES AND CHECKS	.40	.40	.39	.38	.37

BREAKING STOCKS: FRI. 42-44 LBS. 43.00-45.00, 48-50 LBS. 51.00-53.00, 50 LBS. UP 53.00-54.00; TUES. 42-44 LBS. 41.00-43.00, 48-50 LBS. 50.00-52.00, 50 LBS. AND UP 52.00-53.00; WED. 42-44 LBS. 39.00-41.00, 48-50 LBS. 49.00-51.00, 50 LBS. AND UP 51.00-52.00; THURS. 42-44 LBS. 37.00-39.00, 48-50 LBS. 48.00-50.00, 50 LBS. AND UP 50.00-51.00.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Aug. 7, 1990
Report Supplied by Auction

HEAVY FOWL: .20-.85.
LIGHT FOWL: .40-.55.
MIXED FOWL: 1.10.
BANTAMS: .20-1.00.
FRYERS: .25-.35.
ROOSTERS: 1.00-1.05.
BUNNIES: EACH .35-1.00.
GEESE: .40-.55.
TURKEYS: EACH 6.00-7.00.
DUCKS: .60-2.00.
RABBITS: .30-1.15.
PIGEONS: 1.50-2.20.
DUCKLINGS: EACH 1.75-2.00.

WHITE EGGS: EXTRA LARGE & JUMBO .90-1.02, LARGE .58-.85 MEDIUMS .40-.64.

BROWN EGGS: EXTRA LARGE & JUMBO 1.02-1.05, LARGE .90-.91 MEDIUMS .49-.75.

New York Eggs

August 8, 1990

Prices were unchanged. Trade sentiment was barely steady. Demand was mostly moderate, with best interest where scattered retail features were in progress. Floor stocks were generally in balance for current trade needs.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .84-.86, A LARGE .81-.84, A MEDIUM .61-.64.

Eastern PA & NJ Poultry

August 8, 1990

Prices were slightly lower on both types compared to prior week. Demand has slowed due to lagging dressed markets. Offerings, although limited, were generally adequate for requirements. Undertone steady to barely steady.

PRICES PER LB., DAY OF NEGOTIATION, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

LIGHT TYPE AT FARM (PRODUCER LOADING) 3-5 MOSTLY 5 CENTS FOB PLANT TOO FEW TO REPORT

HEAVY TYPE (7LBS & UP): AT FARM (BUYER LOADING) 13-14 CENTS AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

Philadelphia Eggs

Thursday, Aug. 9, 1990
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS BARELY STEADY TO INSTANCES WEAK. DEMAND WAS LIGHT TO OCCASIONALLY FAIR FOR BOTH GRADED AND UNGRADED EGGS. SUPPLIES OF EXTRA LARGE WERE BARELY ADEQUATE, LARGE AND MEDIUMS WERE USUALLY ADEQUATE. EXTRA LARGE .79-.84, A LARGE .77-.82, A MEDIUM .57-.61.

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Home 717-838-4318
WALTER H. RISSER, Proprietor

Greencastle Livestock

Greencastle, Pa.
Monday, Aug. 6, 1990

SLAUGHTER CATTLE RECEIPTS: 414 HD.

SLAUGHTER STEERS: 102 HD. TREND: STEADY. HIGH CHOICE & PRIME 2-4 75.00-77.00; CHOICE 2-3 950-1075 LBS. 73.50-76.00; CHOICE 2-3 1075-1375 LBS. 74.00-76.50; CHOICE 2-3 OVER 1375 LBS. 72.00-75.75; CHOICE 4 ALL WEIGHTS 70.00-73.75; SELECT AND CHOICE 1-2 950-1100 LBS. 70.00-74.75; SELECT AND CHOICE 1-2 1100-1375 LBS. 70 00-74.00; SELECT AND CHOICE 1-2 OVER 1375 LBS. 68.00-72.75.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 67.00-72.50; SELECT 1-2 1050-1450 LBS. 62.00-66.75.

SLAUGHTER HEIFERS: 47 HEAD. TREND: STEADY. CHOICE 2-3 850-1000 LBS. 65.00-72.00; CHOICE 2-3 1000-1250 LBS. 70.00-76.00; CHOICE 4, ALL WEIGHTS, 68.00-72.75; SELECT AND CHOICE 1-2 850-1000 LBS. 65 00-73.00; SELECT AND CHOICE 1-2 1000-1250 LBS. 70.00-74.00.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 64.00-67.75; SELECT AND CHOICE 1-2 1000-1350 LBS. 58.00-63.50.

SLAUGHTER BULLS: 22 HEAD. TREND: STEADY TO WEAKER. YG#1, ALL WEIGHTS, 66.00-72.50; YG#2, ALL WEIGHTS, 61.00-65.50.

BULLOCKS: 5 HD. SELECT 1-2 950-1250 LBS. 66.00-72.50.

COWS: 238 HEAD. TREND: STEADY. BREAKING UTILITY AND COMMERCIAL 52.00-57.50; CUTTER AND BONING UTILITY 53.00-58.00; CANNER AND LOW CUTTER 51.50 & DOWN.

STOCKER AND FEEDER CATTLE RECEIPTS: 280 HEAD. TREND: GOOD DEMAND- STRONGER PRICES. *-INCLUDES TOTAL FROM SPECIAL FRIDAY NIGHT FEEDER CATTLE SALE. BEEF TYPES 200-400 LBS. STEERS 84.00-109.00, BULLS 80.00-99.00, HEIFERS 78.00-90.00, 400-600 LBS. STEERS 78.00-98.00, BULLS 72.00-84.50, HEIFERS 75.00-84 00; 600-800 LBS. STEERS 74.00-87.00, BULLS 65.00-72.00, HEIFERS 70.00-79.50; 800-975 LBS. STEERS 70.00-79.00, BULLS 60.00-71.00, HEIFERS 66.00-71.00. HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 75.00-92.00, BULLS 75.00-88.00, HEIFERS 80.00-122.00; 400-600 LBS. STEERS 70.00-80.00, BULLS 66 00-75.00, HEIFERS 70.00-90.00, 600-800 LBS. STEERS 60.00-69.00, BULLS 60.00-66.00, HEIFERS 62.00-72.00; 800-975 LBS. STEERS 56.00-62.50, BULLS 55.00-60.50, HEIFERS 60.00-65.00.

CALVES: 639 HEAD. VEAL CALVES: TREND: STEADY. CHOICE 150-300 LBS. 90.00-112.00; GOOD 150-300 LBS. 78.00-90.00; GOOD 100-150 LBS. 75.00-85.00; GOOD 80-100 LBS. 72.00-78.50; STANDARD 80-100 LBS. 67.00-72.00; STANDARD 80 LBS. & DOWN 66.00 & DOWN.

CALVES RETURNING TO FARM: TREND: 10.00-20.00 HIGHER. HOLSTEIN BULLS OVER 100 LBS. UP TO 170.00, UNDER 100 LBS. UP TO 160.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 205.00, UNDER 100 LBS. UP TO 170.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 152.00.

SHEEP AND LAMBS: 59 HEAD. TREND: STEADY TO STRONGER. CHOICE 80-100 LBS. 51.00-53.00, 100-120 LBS. 52.00-55.00; MEDIUM & GOOD, ALL WEIGHTS 45.00-50.00; FEEDER LAMBS, 60-85 LBS. 50.00-56.00; LIGHT LAMBS, 55.00-60.00.

SHEEP: EWES LEAN 15.00-20.00; EWES FAT 16.00-22.00; YEARLINGS 28.00-36.00; BUCKS 16.00-20.00.

GOATS: 72 HD. SMALL 18.00-29.00; MEDIUM 30.00-57.00; LARGE 57.00-90.00.

HOGS, SOWS & BOARS: 130 HD. HOGS: BARROWS & GILTS. TREND. 1.50 LOWER. 210-250 LBS. 55.00-57.50; 250-260 LBS. 56.00-58.00; 260-270 LBS. 52.00-56.00; 270-300 LBS. 50.00-53.75.

LIGHT HOGS: 140-180 LBS. 51.00-54.00; 180-210 LBS. 53.00-54.50.

SOWS: TREND: 1.00 HIGHER. GOOD SOWS UNDER 400 LBS. 44.00-52.50; GOOD SOWS OVER 400 LBS. 49.00 52.25; CULL SOWS ALL WEIGHTS 45.00 & DOWN

BOARS: TREND: 1.00 HIGHER. 180-210 LBS. 45.00-50.00; 210-260 LBS. 47.00-50.00; 260-300 LBS. 45.00-46.00; 300 LBS. & OVER 45.00-46.00.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, SEPT. 7 AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, AUGUST 25 AT 1:00 P.M

Peoria Cattle

Peoria, IL
August 7, 1990

WEEKLY COW AND BULL AUCTION-MONDAY, AUGUST 6, 1990

RECEIPTS THIS WEEK: 232 LAST WEEK: 90 LAST YEAR: 109

COMPARED WITH LAST MONDAY COWS 1.00 TO 2.00 HIGHER. FEW BULLS STEADY TO 2.00 HIGHER. NO RECENT PRICE COMPARISON FOR FEEDER CATTLE.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 50.00-56.00 CUTTER AND BONING UTILITY 1-2 53.50-57.50 FEW HIGH DRESSING 58.00-60.00 CANNER AND LOW CUTTER 1-2 44.50-49.50

BULLS: FEW YG 1-2 1300-2165 LBS. 67.00-71.75

FEEDER CATTLE: STEERS: MEDIUM FRAME #2 650-765 LBS. 86.00-90.00 BULLS: MEDIUM & LARGE FRAME #2 375-525 LBS. 86.75-94.75 FEW 700-850 LBS. 67.50-72.00 HEIFERS: MEDIUM & LARGE FRAME #2 675-750 LBS. 85.00-89.00

GARST® SEED COMPANY

WE ARE ON THE MOVE!!

8344
BIG YIELDS
8116

LOOKIN' GREAT

ALBECK FARMS
RISING SUN, MD - 301-658-5846

BUFFALO VALLEY FARM SUPPLY
LEWISBURG, PA - 717-524-2673

ISAAC H. MARTIN
MARTINSBURG, PA - 814-793-3590

RAY WEIGLE
FRIEDENS, PA - 814-267-3865

PAUL BRUBAKER
MT. JOY, PA - 717-653-4086

CLARENCE KREIDER
NEW TRIPOLI, PA - 215-298-2654

EUGENE BACHTEL
EGLON, WV - 304-735-5192

LAMAR EBY
TURBOTVILLE, PA

MARTIN'S FEED & FERT., INC.
COBURN, PA - 814-349-8787

J. MILTON CORLE
MARTINSBURG, PA - 814-793-3576

FORREY'S AG SERVICE
LANCASTER, PA - 717-397-0035

H. LANDIS WEAVER
QUARRYVILLE, PA - 717-529-2609

DAVID ZEISET
EPHRATA, PA - 717-354-9253

LAPP BROS. GRAIN
COCHRANVILLE, PA - 215-593-2611

EASTERN U.S. DISTRIBUTOR
SERVOS SEED CORP.
CHADDS FORD, PENNA. 19317
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PENNA. DISTRICT SALES MGR.
AARON H. MARTIN
LEWISBURG, PA 17837
717-524-2952

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ARROW

Your Best Defense Against the Major Alfalfa Diseases for Top Yields.

- Very high yield potential.
- Drought tolerant.
- Good leaf retention.
- Excellent color.

P. L. ROHRER & BRO., INC.

SMOKETOWN, PA PH: 717-299-2571

ONE OF AMERICA'S Alfalfas

Nickerson American Plant Breeders Inc , P O Box 2955, Mission, KS 66201
U S. Plant Variety Protection granted or applied for NAPB alfalfa varieties. Unauthorized multiplicanon prohibited. The Disclaimer of Warranty and Limitation of Remedy on each bag of seed sold is part of the terms of the sale

ORGANIC CENTER

217 S. Railroad Ave., New Holland, PA 17557
717-354-7064 7:30 to about 9 a.m. more or less.

"OUR BETTER CROPS AND BETTER PRICES AT LESS COST"

PROGRAM IS WORKING OUT BEAUTIFULLY. FARMERS ARE HAPPY.

One planted about 20 acres white soybeans for our non toxic $12 market for human consumption. He said on the phone they are clean of weeds with no herbicides and they grew fast. A lot of farmers have been on easy street even before this, using our soil minerals, soil bacteria and soil conditioners. Then they were weaned. The authorities named it right — "low input farming." This kind of crops make much better livestock feed according to overwhelming reports. A customer farms 4 farms on our program without chemicals. He said he bought a new 4 bottom plow J.D. tractor with the money he saves on chemicals, drugs and vet bills! He said he counted 44 earthworms in a shovel of soil as big as a man's head. He has trillions of free subsoilers and fertilizer factories! There would be much more to say.

NON-TOXIC SPELTZ WANTED for local, U.S. and overseas in hugh quantities, at $.10 per lb. yields more grain and straw than oats and wheat, and is better food and feed. It is becoming popular because our nutri-carb fertilizer brings out its great potential yields and feed value. Sow in Sept. or very early Oct. We can give you the 800 number of the company that wants it desperately to fill their orders.

Peoria Hogs

Peoria, IL

August 9, 1990

HOGS: 1200 TRADING FARILY ACTIVE. BARROWS AND GILTS 1.00 TO 1.25 LOWER COMPARED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 220-250 LBS.

US 1-3 230-250 LBS. 57.50-58.00 210-230 LBS. 54.50-57.50 2-3 230-260 LBS. 57.00-57.50 260-280 LBS. 55.50-57.00

SOWS: 1.00 TO 1.50 LOWER 19%.

US 1-3 325-650 LBS. 50.00-50.50

BOARS: ALL WEIGHTS 48.00

HOG 214

HB 54.50-56.50 HC 57.50-58.00 HD 57.50-58.00 HE 57.50-58.00 HI 54.50-56.50 HJ 57.50-58.00 HK 57.50-58.00 HL 57.50-58.00 HQ 56.50-57.50 HR 55.50-56.50 VV 50.00-50.50 WW 50.00-50.50 XX 50.00-50.50 YY 50.00-50.50 ZZ 48.00-48.00

Dewart Livestock

Dewart, PA

August 6, 1990

CATTLE 81...PDA...Compared with last weeks market: Slaughter cows 1.00 to 1 50 lower. Couple Choice 1275 lbs. slaughter steers 74.50&75.75, one Select 68.50. Couple Choice sl. heifers 58.75&69.25. Few Breaking Utility & Commercial slaughter cows 53.00-56.00, Cutter & Bon. Utility 52.00-56.00, couple 58.10, Canner & Low Cutter 45.00-50.50, Shells down to 38.00. One Yield Grade No. 1, 1860 lbs. sl. bulls 62.00, couple No. 2, 800 lbs. 55.00&58.00.

CALVES 217...Few Choice vealers 100.00-112.50, Standard and Good 70/95 lbs. 70.00-75, couple 78.00, few Utility 55/75 lbs. 55.00-70.00. Farm Calves: Holstein Bulls No. 1, 90/130 lbs. 120.00-150.00, No 2, 85/125 lbs 80.00-125.00; Hol. Heifers 90/130 lbs. 90.00-179.00, few down to 75.00.

HOGS 56...US 1-3 225/250 lbs. barrows and gilts 57.75-58.00. US No. 1-3 350/600 lbs. sows 46.25-49.25. Few Boars 44.00-47.00.

FEEDER PIGS 53...Lo US No. 1-3 25 lbs. feeder pigs 30.00, 35/45 lbs. 34.00-38.00 --- all per head.

SHEEP 6...Few Choice 55/115 lbs. spnng slaughter lambs 50.00-57.00 - all cwt. Few Slaughter ewes 10.00-23.00.

GOATS 0 ..No market test.

You Can Sell

You Can Buy

Diffenbach's New Holland Auction Center, Ltd.

100 WEST JACKSON ST. • BOX 485 • NEW HOLLAND, PA. 17557

PHONE (717) 355-7253 (717) 393-4464 (717) 354-3297

HAY SALE EVERY MONDAY- 10:00 A.M.

1990 SPECIAL SALES

SAT. AUG. 11	9:00 A.M.	Elizabeth L. Herr, 1347 Beaver Valley Pike Willow Street, Pa. RE, Antiques & HH Goods (On the premises)
FRI. AUG. 17	9:00 A.M.	Farm Equipment & Supplies
TUES. AUG. 28	6:00 P.M.	Guns of all descriptions
SAT. SEPT. 1	1:00 P.M.	Valuable 2 parcel Real Estate, Little Britain Twp. for Christ A. Beiler and Jacob Stoltzfoos (On the premises)
TUES. SEPT. 4	6:00 P.M.	Lawn Mowers & Garden Equipment
FRI. SEPT. 14	9:00 A.M.	Farm Equipment & Supplies
TUES. SEPT. 25	6:00 P.M.	Guns of all descriptions
SAT. OCT. 6	9:00 A.M.	Camp Deer Park Benefit Auction
FRI. OCT. 12	9:00 A.M.	Farm Equipment & Supplies
TUES. & WED., OCT. 23 & 24	9:00 A.M.	Quilts, Crafts, & Buggies
FRI, NOV. 2	9:00 A.M.	New solid oak and pine furniture, misc. gift items, variety of imported cuckoo clocks from Germany, tools and HH items.
FRI. NOV. 9	9.00 A.M.	Farm Equipment & Supplies
SAT. NOV. 24	9:00 A.M.	Toys, Crafts, Gifts, & Tools

Contact Us For Rates And Dates For Your Sales

ADD YOUR SALE TO THIS LISTING NOW!

Diffenbachs Aucts. 225L

Bonded Licensed Livestock Dealer and Order Buyer

Equipped And Ready To Serve You

AUGUST 1990

S	M	T	W	T	F	S
-	-	-	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	-
-	-	-	-	-	-	-

SEPTEMBER 1990

S	M	T	W	T	F	S
-	-	-	-	-	-	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	-	-	-	-	-	-

OCTOBER 1990

S	M	T	W	T	F	S
-	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	-	-	-
-	-	-	-	-	-	-

NOVEMBER 1990

S	M	T	W	T	F	S
-	-	-	-	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	-
-	-	-	-	-	-	-

DECEMBER 1990

S	M	T	W	T	F	S
-	-	-	-	-	-	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	-	-	-	-	-

SPECIAL HORSE SALE FRIDAY EVENING, SEPT. 7 - 7:00 P.M.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

FALL HEIFER SALE SATURDAY, SEPTEMBER 22

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE

7:30 A.M.

Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM

HORSES MULES

1:30 PM

BEEF SALE

SHEEP

CALVES

WEDNESDAY

DAIRY **11:00 AM** COWS

COW SALE 12:00 NOON

HEIFERS

BULLS

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.

FEEDER PIG SALE

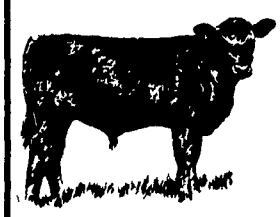
Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

THURSDAY

Beef Auction

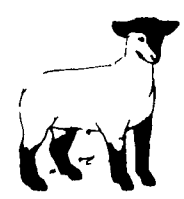
10:00 A.M.

BULLS
STEERS
BEEF COWS



STOCKERS & FEEDERS

1:30 P.M.



SHEEP
GOATS
CALVES

NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS

Norman & David Kolb - 717-397-5538

Field Representatives

Luke Eberly - 215-267-6608 738-1865

Homer Eberly - 215-267-3047

Sale Barn Officer Manager

Roger Floyd - 717-354-4341

Order Buyer

Paul Good - 215-445-6662

Feeder Pig Representative

Mel Hoover - 717-354-8397

National Grain Market

St. Joseph, MO
August 8, 1990

ST. LOUIS WHEAT PRICES WHEAT PRICES HIGHER ON WEDNESDAY, BOOSTED BY IMPROVED EXPORT BONUS PROGRAM USAGE. CORN AND BEAN PRICES DOWN AS TRADERS AWAIT TOMORROWS U.S.D.A. PRODUCTION REPORTS. CORN IS EXPECTED TO SHOW A LARGER PRODUCTION FIGURE TOMORROW. LIGHT FOREIGN DEMAND FOR CORN AND BEANS ALSO A FACTOR IN THE DECLINES. LOWER CRUDE OIL FUTURES INFLUENCED SOYBEAN PRICES.

UNITED STATES...RAINS IMPROVED CROP CONDITION IN THE SOUTHWEST, CORN BELT, AND ALONG THE GULF COAST; HOWEVER, COOLER-THAN-NORMAL TEMPERATURES DELAYED DEVELOPMENT OF CORN, SOYBEANS, AND SORGHUM IN THE CORN BELT. USSR...IN WESTERN USSR, CONTINUED UNSEASONABLY COOL WEATHER IN THE NORTH DELAYS WINTER GRAIN HARVESTS AND SLOWS CROP MATURATION. IN THE NEW LANDS, COOL WEATHER AND PERIODIC SHOWERS CONTINUE TO BENEFIT SPRING GRAINS. EUROPE ..UNSEASONABLE HEAT AND DRYNESS CONTINUE TO STRESS MOST SUMMER CROPS IN ALL BUT EASTERN GROWING AREAS. EASTERN ASIA...TROPICAL STORM TASHA RELIEVES DRYNESS ACROSS MUCH OF SOUTHEASTERN CHINA. HEAT AND DRYNESS CONTINUE OVER MUCH OF CENTRAL AND SOUTHERN JAPAN. SOUTH ASIA...UNFAVORABLY DRY WEATHER PERSISTS IN PRIMARY SUMMER CROP AREAS OF THE SOUTH AND WEST. SOUTHEAST ASIA...UNSEASONABLY DRY, WARM WEATHER IN CENTRAL THAILAND FAVORS MATURING CORN BUT REDUCES MOISTURE FOR IMMATURE CROPS AND NEW PLANTINGS. SOUTH AMERICA...DRY WEATHER PREVAILS THROUGHOUT ARGENTINA AND SOUTH- CENTRAL BRAZIL. MILDER WEATHER RETURNS TO THE REGION. AUSTRALIA...WET, COOL WEATHER RETURNS TO EASTERN CROP AREAS. HEAVY RAIN CAUSES FLOODING IN EASTERN NEW SOUTH WALES. CANADA...LIGIT RAIN AND MILD TEMPERATURES BENEFIT VEGETATIVE TO FILLING SPRING CROPS.

EXPORT NEWS: JAMAICA BOUGHT 26,500 TONNES NO. 2 OR BETTER SOFT RED WINTER WHEAT UNDER PL480 FOR AUG/SEPT SHIPMENT.

DATE CHANGE YEAR AGO 08/08/90 08/07/90 08/09/89 WHEAT: KANSAS CITY 2.85-2.87 UP 4-5 4.13-4.14 MINNEAPOLIS 3.05-3.10 UP 4 1/4-DN 2 3/4 4.18 3/4 PORTLAND 3.15-3.18 UP 2-3 4.42-4.45 ST. LOUIS 2.79-2.84 UP 3 3.97-4.07 **ST. LOUIS 8/7/90 2.76-2.81

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.58-2.63 DN 2 2.25-2.30 MINNEAPOLIS 2.49 1/4 DN 3 3/4 2.25 SO. IOWA 2.54-2.57 DN 3 2.29-2.32 OMAHA 2.46-2.48 DN 3-2 2.17-2.18

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 6.10-6.14 DN 1-2 5.83-5.88 MINNEAPOLIS 6.01 1/4 DN 3 5.89 1/2 SO. IOWA 6.04-6.08 DN 7-4 6.00-6.04 C. ILL. PROCESSORS 6.14 1/2-6.18 1/2 NC-DN 2 6.08 1/2-6.15 1/2

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (SEPT) WHEAT 2.80 3/4 UP 3 1/2 4.02 MINNEAPOLIS (SEPT) WHEAT 2.85 UP 4 1/4 3.96 3/4 CHICAGO (SEPT) WHEAT 2.84 1/2 UP 3 1/4 3.95 (SEPT) CORN 2.52 1/4 DN 1 3/4 2 23 (NOV) SOYBEANS 6.07 1/4 DN 2 5.70 1/2

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.18-3.22 UP 4-6 4.44-4.48 NO. 2 SOFT RED WINTER WHEAT 3.07-3.11 UP 1-5 4.16-4.17 NO. 2 YELLOW CORN 2.76-2.77 DN 3 2.47-2.48 NO.2 YELLOW SORGHUM RAIL 4.76 DN 5 BARGE 4.92 DN 3 4.61-4.43 NO.2 YELLOW SOYBEANS 6.33 DN 2-3 6.20-6.25.

Some Markets Not Available Due To Early Press Deadlines

King's Hay

Kirkwood, Pa.
Tuesday, Aug. 7, 1990
Report Supplied by Auction

43 LOADS OF HAY.
ALFALFA: 56.00-146.00.
ALFALFA MIX: 26.00-139.00.
MIXED HAY: 61.00-119.00.
CLOVER AND MIX: 74.00-113.00, BY THE LOAD, 55.00-64.00.
TIMOTHY AND MIX: 45.00-129.00.
GRASS AND ORCHARD GRASS: 95.00-114.00.
STRAW: 37.00-75.00.
EAR CORN: 100.00-101.00.
OATS: 2.30 BU.

Herb's Hay Auction

Kutztown, PA
Thurs., Aug. 9, 1990
Report Supplied by Auction

3 LDS HAY, 60.00-121.00.
OAT STRAW: 1 LOAD, 80.00.
EAR CORN: 100.00.

New Wilmington Hay

New Wilmington, PA.
Friday, Aug. 3, 1990
Report Supplied by Auction

TOTAL LOADS: 14.
MIXED HAY: 45.00-85.00, 1 AT 115.00.
ALFALFA: FEW 70.00-142.50.
TIMOTHY: 1 AT 62.50.
STRAW: 3 LOADS, 40.00-57.50.
EAR CORN: 2 LOADS, 105.00-132.50.
OATS: 2 LOADS, 1.75-2.25 BU.

Belleville Hay

Wednesday, Aug. 8
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 19 LDS. HAY.
ALFALFA: 82.50-90.00.
MIXED HAY: 50.00-87.50.
STRAW: 6 AT 45.00-57.50.
EAR CORN: 3 AT 95 00-107.50.

Peoria Sheep

Peoria, IL
August 7, 1990

SHEEP: 200 TRADING MODERATE. COMPARED WITH LAST TUESDAY SLAUGHTER LAMBS STEADY.
SLAUGHTER LAMBS. CHOICE AND PRIME 100-120 LBS. 48.00-50.00; 90-100 LBS. 46 00-48.00.

LEESPORT FARMER'S MARKET, INC.
North end of Leesport, PA — Turn East off Route 61
"WHERE FRIENDS MEET"
BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 9 AM TO 8 PM
Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.
PHONE: 215-926-1307 BILL WEIST & WOODY WEIST, MGRS.

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 8 miles north of Oxford corner of Rt. 472 and Noble Road at Rouse Tobacco Station.
Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

MULVANEY LIVESTOCK SERVICES

Tom Mulvaney, Jr.
Easton, PA
(215) 258-1670

A Complete Livestock Company-In Our 21st Year Of Business
OFFERING: Order Buying, Livestock Trucking To Leesport & Quakertown Sales In PA & Hackettstown Sale In NJ.
TOP PRICES FOR DOWN & DISABLED CATTLE, Paid On Dressed Weight At Competitive Prices.
Also - Fat Cattle, Bulls and Steers.
NOW AVAILABLE! - Removal of Dead Cattle & Horses (Subject To Charge Based On Area)
PRESENTLY HANDLING THE FOLLOWING COUNTIES:
PA-Northampton, Lehigh, Bucks, Monroe, Part Of Berks
NJ-Warren, Hunterdon, Sussex
Call (215) 258-1670

MELHORN SALES, SERVICE, TRUCKING CO.
1010 W. Main St., Mount Joy, PA 17552
Why You Should Consider Melhorn Sales, Service and Trucking Co.

Feature	Benefits
* 30 years of DEKALB sales & service experience	Providing you with a reliable source of a proven performer, committed to making it work in your layer house.
* 14 years of trucking experience	Providing you with a professional and caring approach to moving your pullets, protecting your investment.
* 27 years pullet growing experience - custom growing - Started pullets	Providing you with a quality grown pullet raised on a proven program that insures top performance in your layer house.
* 2 full time sales & service people	Providing you with information & technical help for maximum performance.
* 2 full time pullet service people	Insures that pullet growing program is followed resulting in birds that perform.
* 6 full time office staff	To handle your business needs fast, courteous & efficiently.
* Full time, professional pullet moving crews	Capable of moving and housing 80,000 pullets per day. Fast, efficient, & courteous service insures the least amount of stress on your birds.
* 12 years experience in the loading of spent hens	Utilizing fowl carts for fast, efficient handling of your spent hens

The only full service company, in this area, to handle the total needs of the poultrymen.

For More Information Phone:
717-653-1102
Monday - Friday 8:30 AM - 4:00 PM

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THE OLD FARMER'S ALMANAC

AUG. 13-19; 1990

Cat nights begin, Aug. 17.

Aug 13, 1923, the song "Yes, We Have No Bananas" is the number-one hit in the nation Aug 15, 1771, Sir Walter Raleigh is born Aug 16, 1777, at the Battle of Bennington in Vermont, General John Stark leads the Americans to victory over the British Aug 18, 1587, Virginia Dare is born at Roanoke Island, the first child born in America of English parents *Growth is the only evidence of life*

Ask the Old Farmer: How can I discourage pigeons from roosting in the decorative eaves of my newly acquired old Victorian home? N O, Ill

You'll probably get lots of advice on this, but I find the best solution is to get a bunch of small rubber snakes Fasten them around the eaves so they dangle and move in the wind

Home Hints: Corn is ready to harvest when the silk turns dark brown in color

OLD FARMER'S WEATHER FORECAST

New England: Showers here and there, and it's hot in the west Clearing and very hot for most of the week Rain ends the week on a soggy note

Greater New York-New Jersey: Thunderstorms continue, and so does the heat Then clearing and even hotter for the second half of the week Ending in rain

Middle Atlantic Coastal: Thundershowers with seasonable temperatures start the week Midweek clearing brings sunny skies and very hot weather, showers north

Piedmont & Southeast Coastal: Ready to build an ark in the park? More drippy weather this week Showers and hot followed by hot with rain

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Leesport Livestock

Leesport, PA

August 8, 1990

CATTLE 290...PDA.. Supply included 16 feeder cattle .. Compared to last Wednesday's market· Slaughter steers steady to 50 higher; Cows steady to 1.50 higher. High Choice & Prime 1160/1560 lbs. sl steers 76.00-77.75, Choice 915/1640 lbs 71.00-75.75, Select 66.75-70.50, Choice Holsteins 66 25-73.10, Select 63.25-66.00, Standard 58.00-62.25 One Choice 1200 lbs. sl heifer 70 75, few Select 63.50-67.25 Breaking Ut. & Commercial sl cows 53 50-59.00, few low dressing 51 75-52.00, Cutter & Boning Utility 48.00-53.50, few Canner & low Cutter 45.00-47 75, Shells down to 38 00 One Choice sl. bullocks 71.50, few Select 63.00-69.00, one Standard 61.50. Yield Grade No 1, 1350/2325 lbs sl. bulls 62.00-66 25, one No. 2, 1140 lbs. 57.00 Feeder Cattle. Couple Medium & Large Frame No. 1, 505/925 lbs. steers 62.50&75.00. Few Large Frame No. 2, 515/720 lbs. 56.00-59.50, few Medium #2, 450/610 lbs. 65.00-66.00. Few Large Frame No 2, 950/960 lbs. bulls 56.00-59.75

CALVES 176 ..Couple Choice 195/250 lbs. 104.00&105.00, couple Good 75.00&79.00, Standard and Good 75/105 lbs 65.00-75.00, Utility 65/80 lbs. 35.00-60.00. Farm Calves: No. 1, Holstein Bulls 95/130 lbs 142.00-176, 80/90 lbs 130 00-162 50, No. 2, 80/115 lbs 79 00-137.00; Holstein 85/165 lbs heifers 155.00-206 00. Beef cross 70/155 lbs. bulls and heifers 78.00-170.00.

HOGS 353...Barrows and gilts steady, mostly 2.00 lower. US No 1-2 205/240 lbs. 57.50-58.85, 1-3 210/255 lbs. 56 10-57.75, 1-3 155/195 lbs. 51.50-55 50. Sows mostly steady. US No. 1-3 300/615 lbs. sows 47.00-52.00, Medium 270/410 lbs. 39.25-45.75. Boars 46.00-47.50.

FEEDER PIGS 203...Lot US No. 1-3 25 lbs. feeder pigs 125.00, 30/55 lbs. 83.00-101.00, 95/120 lbs. 68 00-74 00 --- all per hundredweight.

SHEEP 47...One Choice 80 lbs. spring slaughter lamb 68.00, Choice 55/135 lbs. 55.00-63.00, 25/30 lbs. 67.00-75.00. Few Slaughter sheep 10.00-32.00 - all cwt.

GOATS 32...Large 35.00-59.00, Kids 10.00-50.00 --- all per head.

Belknap Livestock

Dayton, PA

August 8, 1990

CATTLE 84...PDA...Compared with last Wednesday's market: Couple Choice slaughter steers 71.75&73.75, few Standard 62.25-65.00. One Choice sl. heifer 68.50, few Standard 58.00-61.75. Breaking Utility and Commercial sl. cows 50.25-55.00, Cutter and Boning Utility 49.00-54.25, Canner and Low Cutter 40.00-49.00, Shells down to 23.00. Couple Standard sl. bullocks 61.25&62.25. Feeder Cattle: Medium & Large Frame No. 1, 755/1030 lbs. steers 62.50-71.75. Few Medium Frame No. 1, 325/385 lbs. heifers 84.00-89.00, few 520/735 lbs. 63.00-66.50. Few Medium Frame No. 1, 300/460 lbs. bulls 80.00-93.50, few Med. & Large #1, 730/865 lbs. 63.50-67.00.

CALVES 112...Standard and Good 90/120 lbs. 72.00-80.00, 60/85 lbs. 64.00-75.00. Farm Calves: No. 1, Holstein Bulls 85/135 lbs. 100.00-161.00, No. 2, 90/125 lbs. 80.00-110.00; few Holstein Heifers 85/110 lbs. 110.00-200.00. Beef Cross 75/120 lbs. bulls and heifers 80.00-153.00.

HOGS 168...Barrows and gilts mostly 3.00 lower. US No. 1-2 235/250 lbs. 59.00, lot 61.00, lot 230 lbs. 58.00, 1-3 235/255 lbs. 57.50-59.00, 2-3 240/290 lbs. 54.50-56.10, lot 220 lbs. 54.00. SOWS: Few US No. 1-3 375/620 lbs. 44.00-45.00, one No. 2-3 540 lbs. 42.50. One Boar 40.00.

FEEDER PIGS 112...Lot US No. 1-2 25 lbs. feeder pigs 29.00, 15/25 lbs 12.00-20.50, 25/40 lbs. 20.00-30.00, Utility 20/30 lbs. 10.00-12.50 --- all per head, GRADED FEEDER PIGS 75...Lot US No. 1-2 43 lbs. 89.00, No. 2 and 2-3 20/35 lbs 60.00-89.00, 35/40 lbs. 79.00-80.00 - per hundredweight.

SHEEP 10...One Choice 95 lbs. spring slaughter lamb 49.00, 130 lbs. 48.50; Few Good & Choice 45/80 lbs. feeder lambs 34.00-46.50. Slaughter sheep, one 21.00 --- all cwt.

GOATS 11...Few Medium & Large 27.00-51.00, few Small 10.00-24.00 --- all per head.

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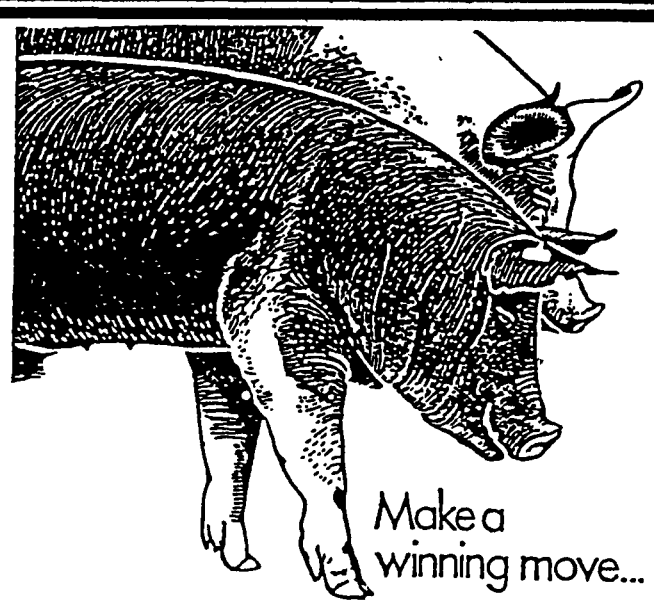

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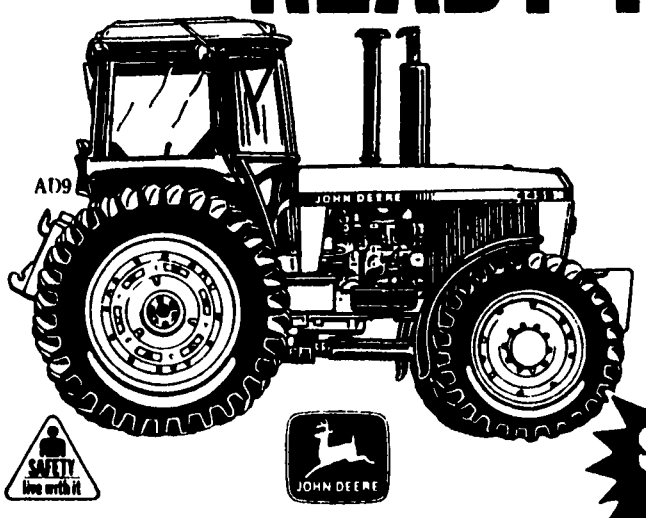

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JD 610 8-Tooth Chisel Plow	$1,885	JD 65 Rear Blade, 8 Ft.	$635
		Like New 662 Rake	$3,250

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Virginia Weekly

August 9, 1990

MARKETS IN REVIEW; AUG.2-8, 1990 FEEDER STEERS AND HEIFERS IN VIRGINIA WERE UNEVEN, $3.50 HIGHER TO $2.00 LOWER FOLLOWING MIDWEST PRICES WHICH WERE ALSO MIXED, $9.25 LOWER TO $20.00 HIGHER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE STEADY TO $3 25 LOWER AS MIDWEST PRICES WERE 75 CENT HIGHER TO 75 CENT LOWER.

COWS AND BULLS IN VIRGINIA WERE WERE $1.50-2.25 LOWER AS MIDWEST PRICES WERE 75 CENT TO $1.00 HIGHER. BEEF PRODUCTION WAS 5% BELOW A WEEK AGO AND 5% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 8 POUNDS LIGHTER THAN A YEAR AGO.

VEAL AND CALF PRICES IN VIRGINIA WERE STEADY TO WEAK AS MIDWEST PRICES WERE STEADY TO $5.00 LOWER. VEAL AND CALF PRODUCTION WAS 3% ABOVE A WEEK AGO BUT 11% BELOW A YEAR AGO AVERAGE DRESSED WEIGHTS WERE 26 POUNDS HEAVIER THAN A YEAR AGO

LAMB PRICES IN VIRGINIA WERE MIXED, 75 CENT HIGHER TO 75 CENT LOWER AS MIDWEST PRICES WERE $2.00-5.25 HIGHER. LAMB PRODUCTION WAS 1% BELOW A WEEK AGO BUT 5% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 3 POUNDS HEAVIER THAN A YEAR AGO.

SLAUGHTER HOG PRICES IN VIRGINIA WERE STEADY AS MIDEST PRICES WERE $1.50-2.00 LOWER. FRESH PORK PRICES WERE $1.50-18.00 LOWER EXCEPT BELLIES WHICH WERE $2.00 HIGHER. PORK PRODUCTION WAS 8% ABOVE A WEEK AGO AND 3% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 4 POUNDS HEAVIER THAN A YEAR AGO.

THE VIRGINIA DIRECT HOG MARKET AUG 2-8, 1990. RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA FOR THE PERIOD TOTALED 2,662 HEAD COMPARED TO LAST WEEK 2,758 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED STEADY COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-3 210-250 LBS 56 50-57 00 57.50-58 50 US 3-4 210-250 LBS 56.00-57 00 SOWS $44.00-52.50 AND BOARS $36.00-44.00 VALLEY AND NORTHERN VIRGINIA HOGS; 786 HEAD FOR THE PERIOD. US 1-3 210-250 LBS $57.25-58.00

SLAUGHTER STEERS AND HEIFERS 2%; SLAUGHTER COWS 17% SLAUGHTER BULLS 3%, SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 49%, OVER 600 LBS 29%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE STEERS: CHOICE 2-3 1000-1150 LBS 70 50-73.00 CHOICE 2-3 1150-1300 LBS 72.00-78.50 CHOICE 2-3 1300 LBS & OVER 72.50-78 75 HEIFERS; CHOICE 2-3 900-1100 LBS 69.75-78.00 CHOICE 2-3 1100 LBS & OVER 73 50-79 00 SLAUGHTER COWS UTILITY & COMMERCIAL COWS 48 00-56.50 FEW 60 25 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 53 50-69 00 FEW 71.00 1-2 1300-1600 LBS 59.00-69 00 1-2 1600 LBS & OVER 57.50-70 00 FEW 75 50 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS 97.00-104.00 GOOD AND CHOICE 100-250 LBS 90.50-100 00 CALVES - GOOD AND CHOICE 250-500 LBS 77.00-88.50 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS SPRING 48.50-52.75 SLAUGHTER HOGS US 1-3 200-250 LBS 51.00-56.75 SOWS US 1-3 300-500 LBS 43.00-49.75 500 LBS & OVER 49.00-51.50

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 97.00-109.00 300-400 LBS 83.50-97.50 300-400 96.00-110.00 FW 89.00 400-500 81.00-93.50 400-500 89.00-107.00 500-600 80.00-90.00 FEW 75.50 500-600 84.00-99.00 600-700 76.00-89.50 600-700 79.50-91.00 700-800 76.50-85.00 700-800 76.50-86.25 800-900 64.00-77.00 800-900 73.00-85.50.

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HOLSTEIN STEERS HEAVY 60 00-68 50, LIGHT 57 00-61 50

SLAUGHTER HEIFERS GOOD TO CHOICE 70 00-75 25, MEDIUM TO GOOD 62 50-68 50

BULLS HEAVY 62 50 73 50, LIGHT 58 00-68 00

COWS FEW HIGH DRESSING 56 00-60 50, UTILITY HOLSTEIN 50 00-55 50, CANNERS 44 00-53 75, COMMERCIAL TO GOOD 47 00-54 50, CULL COWS 45 00 & DOWN

VEALS GOOD TO CHOICE 95 00-109.00, MEDIUM TO GOOD 75 00-90 00

BOB CALVES: 50.00-76.00.

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HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB 100.00-170.00.

HOGS: TOP QUALITY 58.50-59.50; HEAVY 55.00-58.75; LIGHT 52 00-57.00.

SOWS: 42.00-48.00.

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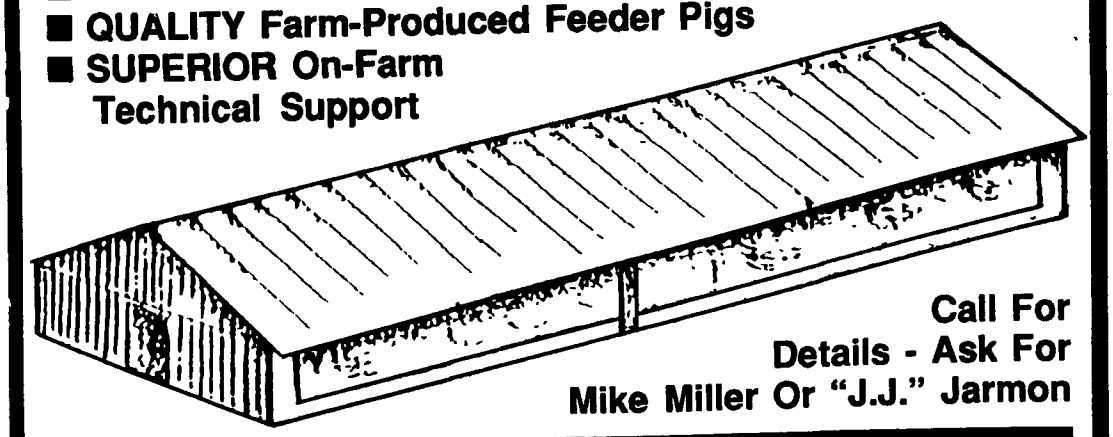

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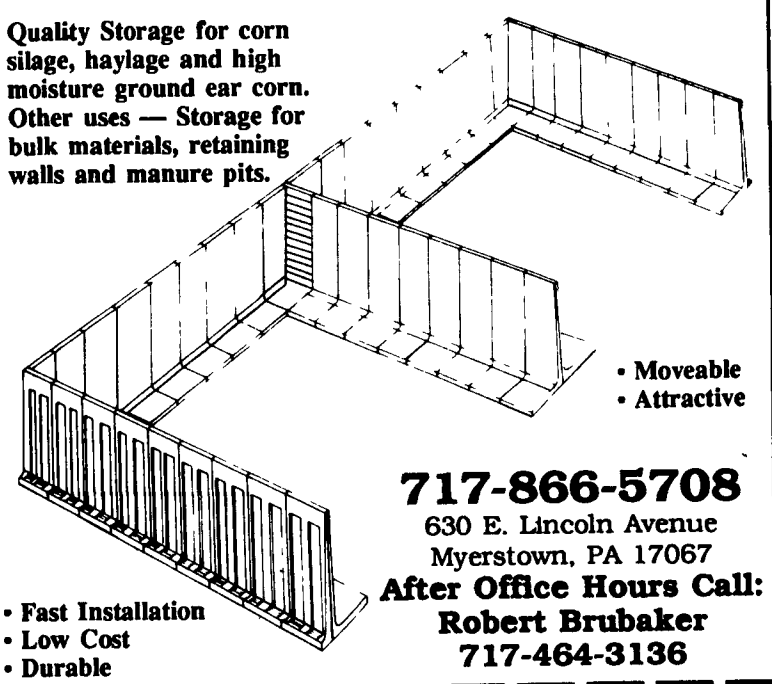

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Lancaster Farming

OPINION

A Reason To Attend

If you want to see how much agriculture has progressed over the years, visit Ag Progress Days next week at Penn State's Russell E. Larson Agricultural Research Center at Rock Springs, near State College. The Pasto Agricultural Museum on the grounds will give you a look at the machinery and other rare farm antiques of rural life of years gone by. But the field demonstrations will show you where we are now. In fact, more than 250 commercial exhibitors will show and demonstrate $20 million worth of agricultrual equipment.

Under the theme, "Food and Environmental Quality: Preparing for the 21st Centry," a wide range of agriculturally related events will be featured. One of the college exhibits will show different housing options for sows. Dr. Kenneth Kephart, assistant professor of animal science, says the exhibit is designed to demonstrate that producers must review a wealth of variables affecting animal welfare before deciding what facilities to use in their own enterprise.

A wide variety of subjects will be covered by the programs, from conservation to biotechnology.

"Ag Progress Days is an opportunity to show visitors the many ways that agriculture touches our lives today, and to look to the future," said Dr. Lamartine Hood, dean of Penn State's College of Agriculture. "We want to show visitors the scope of issues that their college of Agriculture is addressing and how the research conducted at Penn State is transformed into programs that reach all citizens of the Commonwealth.

"We'll also give them the opportunity to talk with people in agribusiness, watch some of the latest farm machinery in operation, tour several research and conservation demonstration areas and have a great experience in a family-oriented atmosphere," Hood said.

Anyone who has an interest in agriculture, for any reason, will have a reason to attend Ag Progress Days Aug. 14 to 16. See you there.

Farm Calendar

Saturday, August 11

South Central Pa. Championship Show, Shippensburg, 9:30 a.m.

New Carlisle Fair, Carlisle Fairgrounds.

Antique Steam and Gas Show, C.V. Antique Engine and Machinery Association, Chambersburg, 8:00 a.m.-dark, thru August 12.

Bedford Community Fair, Bedford.

Butler Farm Show, Butler.

Elk Co. Fair, Kersey.

Huntingdon Co. Fair, Huntingdon, thru August 18.

Sunday, August 12

Antique Steam and Gas Show, C.V. Antique Engine and Machinery Association, Chambersburg, 8:00 a.m.-dark.

Huntingdon Co. Fair, Huntingdon, thru August 18.

Monday, August 13

Huntingdon Co. Fair, Huntingdon, thru August 18.

McKean County Fair, Smethport, thru August 18.

York Co. 4-H Hog Sale, Weikerts Market, 7:00 p.m.

Tuesday, August 14

Ag Progress Days, Rock Springs, thru August 16.

Huntingdon Co. Holstein Show, Huntingdon, 9:00 a.m.

Pa. Hay Show at Ag Progress Days, Rock Springs, thru Aug. 16.

Twilight Landscape Walking Tour, Reading Rehab Hospital, 6:30 p.m.-8:00 p.m.

Huntingdon Co. Fair, Huntingdon, thru August 18.

McKean County Fair, Smethport, thru August 18.

113th annual Transfer Home Festival, Transfer Community Park, Transfer, Pa., thru August 18.

Wednesday, August 15

Ag Progress Days, Rock Springs, thru August 16.

Pa. Hay Show at Ag Progress Days, Rock Springs, thru Aug. 16.

East-Central Holstein Sale, Hughesville Fairgrounds, 7:30 p.m.

Pa. Dept. of Ag 13th Performance Tested Boar Sale, Ag Arena Complex, Penn State, 6:00 p.m.

(Turn to Page A45)

NOW IS THE TIME

By Jay Irwin
Lancaster County Agricultural Agent

To Use Equipment Safely

We are fast approaching the harvesting of nearly 168,000 acres of corn in Lancaster County. This harvest is the result of a big investment of time, effort and money. A good yield depends on your farming skills, land resources and a smile from Mother Nature. But whether it's free from a costly mishap depends on how well you prepare your equipment and how safely you and your help run that equipment. Here are some suggestions:

* Operate and maintain all machines according to the operator's manual.
* Keep all shields in place.
* Shut off the power before unclogging or servicing. Wait until all parts have stopped.
* Adjust ground speed to field and crop conditions.
* Use caution on highways with SMV signs in place.
* Keep children and non-workers off and safely away from harvesting equipment.
* Look up as well as to the front and back when driving, moving or positioning tall equipment near overhead power lines.

Safety requires practice ... let's prac ice it every day.

To Apply For Liquid Fuel Tax Refund

I would like to remind our farmers that application for the Pennsylvania Liquid Fuel Tax Refund should be filed before September 30.

Farmers may apply for a 12-cent per gallon refund on all liquid fuels used in non-licensed tractors when used off the highway for agricultural purposes, or non-licensed power farm machinery used for actual farm work. This includes fuel used in all auxiliary engines on balers, elevators and other stationary equipment.

The liquid fuel tax is for all farm production fuel used between July 1, 1989 and June 30, 1990. This includes gasoline and diesel fuel.

The people who have not already received an application should apply by writing: Board of Finance and Revenue, Room 409 Finance Building, Harrisburg, PA 17120 or by calling 717-787-3365.

Remember, applications received after September 30 will not be honored; they must be filed on time. The time to do it is now.

Keep in mind -- this is not money the State is giving you -- it's money you already paid; you are just applying to get it back. It may not seem like much but 12 cents on 5,000 gallons is $600.00.

To Be Aware Of Poisonous Plants

A number of plants are poisonous to animals. Fortunately, animals will avoid most of these plants as long as they have ample supplies of other feeds.

Thus, as pastures dry up and become dormant during the summer it is important to provide additional feed to pastured animals so they are not forced to consume poisonous weeds.

Many ornamental plants are poisonous. Thus, prunings should not be tossed into pastures or fields.

Wilted wild cherry leaves are very toxic, so be sure to pick up broken branches soon after a wind storm.

Immature, drought stricken or frost damaged sudangrass can also be poisonous. It should be at least 18 inches tall before being harvested.

To Fertilize Strawberries

The new strawberry patch that you planted this spring should be pushing runners by this time of year. It's a good idea to fertilize these new plantings during August. A fertilizer high in nitrogen would be best.

The objective is to encourage more runners and develop a stronger plant. It will also increase yields for next summer. Another thing, weeds must be controlled at all times to have a healthy strawberry patch. The earlier in the summer we can get the runner plants to take root, the better they will be established for next year.

HOW CAN YOU TELL?

August 12, 1990

Background Scripture:
Matthew 7.
Devotional Reading:
Romans 8: 1-2, 31-39.

People tell me that they are confused about religion. With all the claims from this group and that group, many of them really quite divergent in their teachings, how can you know which is the "right religion"?

Part of the problem, I think, is in that concept of "the right religion." Actually, I do not believe there are any "right" religions. Religions are systems made by human beings around their faith experiences. Although their faith experiences are indicative of their encounter with God, the expressions, formulations, and organizations they devise are at least partly tainted with human error and distortion. For example, I am a United Methodist clergyman and I love my denomination and am reasonably comfortable in the way it is structured and expressed. Not for one minute, however, would I want to equate the United Methodist Church with The Church or God's Kingdom. It seems to be "right" for me and many others, but it is not "the right religion."

THE RIGHT RELIGION

Not even Christianity (I am using this term in the sense of the sum total of all the Christian denominations, branches and churches) is "the right religion." There is much in these organizations that is a distortion — and perhaps even the negation — of the gospel of Jesus Christ. These human-made institutions are but, in the terms of the Apostle Paul, the earthen vessels in which the treasure of the gospel is contained. I have also found a great deal of unlabeled "Good News" of Jesus Christ in some other religions.

So, how can you judge what is true and what is not? In Matthew 7, Jesus sets forth some guidelines that Christians too often tend to forget. First of all, he warns against the deceit of appearances. "Beware of false prophets who come to you in sheep's clothing but inwardly are ravenous wolves" (7:15). In religion, what you see is not always what you get. Prosperous, powerful churches are not always indicative of a faithfulness to the gospel of Jesus Christ. They may be representative of an obsession with material things, respectability and social mores which are considerably less than the gospel. Cathedrals and temples, impressive and beautiful as they are, may be a testimony, not to God but to human pride. (I am not saying they are, but that they may be.)

WORDS, WORDS, WORDS

The way to tell, says Jesus in Matthew 7, is to look, not at appearances, but at results: "You will know them by their fruits" (7:16). What are these "fruits"? For one thing, they are generally not words. "Not every one who says to me, 'Lord, Lord,' shall enter the kingdom of heaven, but he who does the will of my Father who is in heaven" (7:21). That is rather disquieting for some of us, for given a choice between words and deeds, many of us would pick words. But Jesus says that what God really wants of us is to do his will — not talk about it. "Every one who hears these words of mine and does them will be like a wise man who built his house upon the rock..." (7:24)

What confuses so many people today are the oceans of words they hear about religion. If we focus on fruits instead of words, our task of discernment should be substantially simplified!

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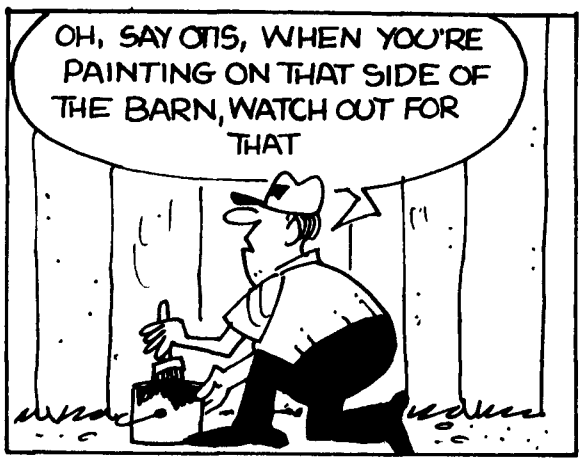

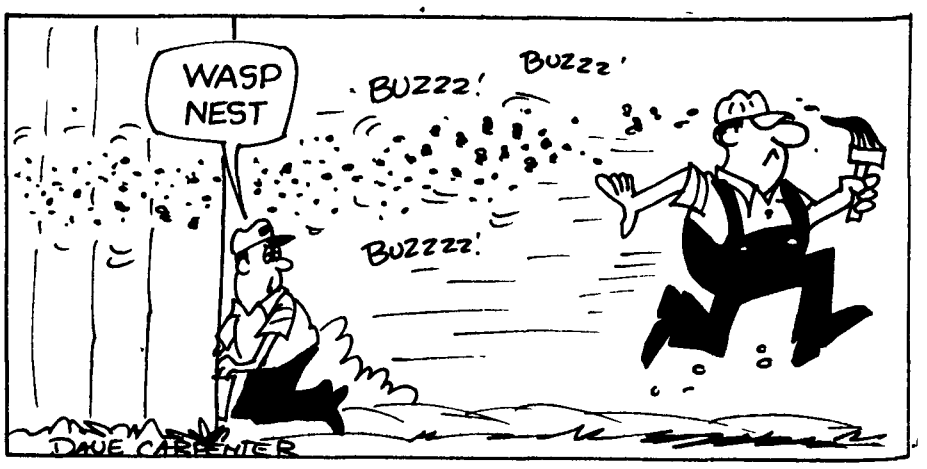

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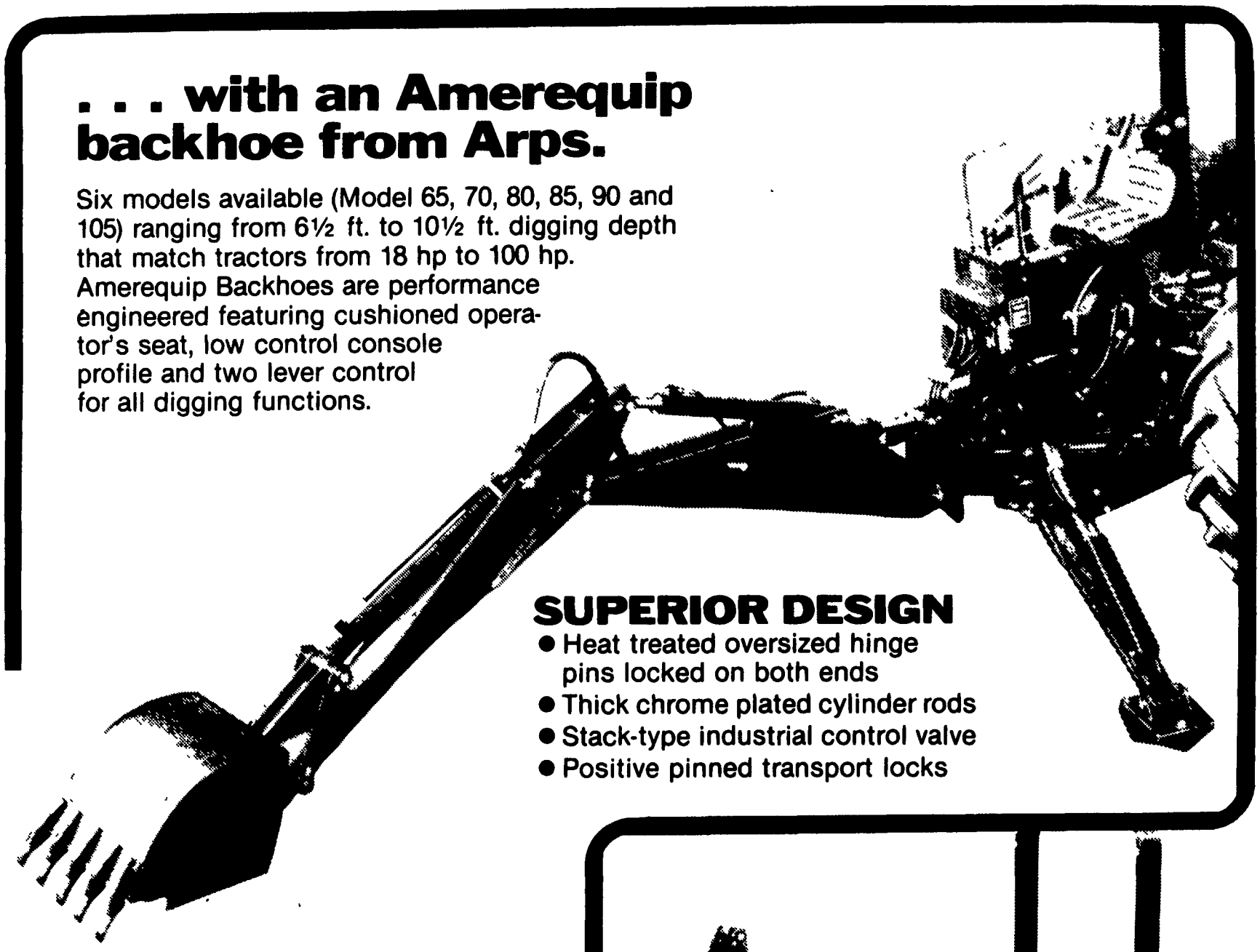

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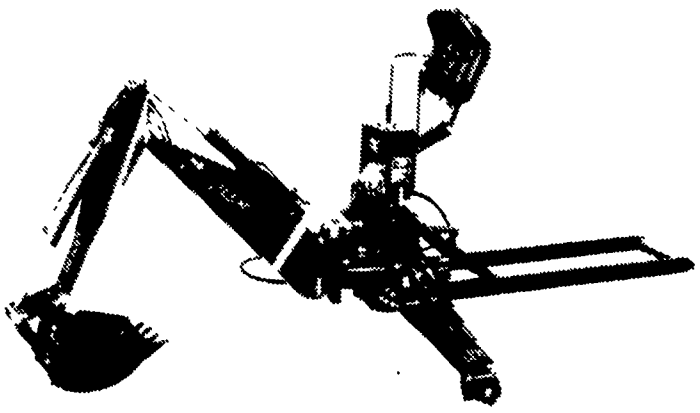

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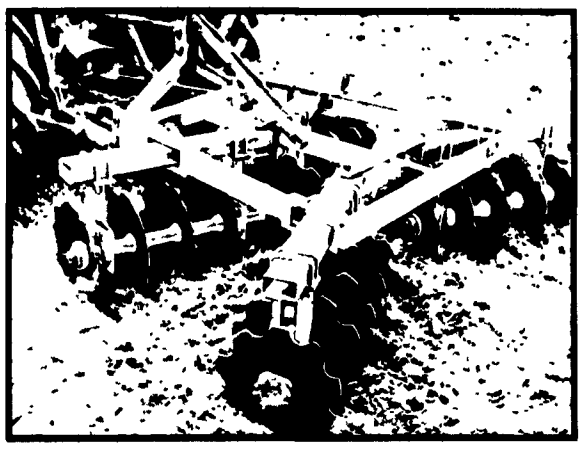

MODEL 55—LIFT TYPE HARROW
WIDTH—6′ 6″ to 10′ 9″
WEIGHT—1007# to 1947#

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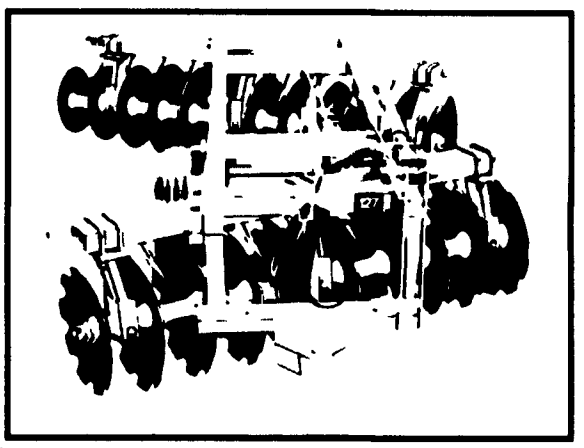
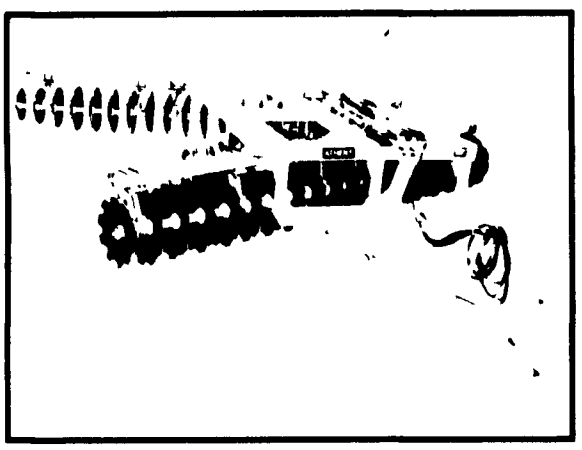


MODEL 127/167—OFFSET HARROW
WIDTH—6′ 6″ to 12′ 6″
WEIGHT—2752# to 4870#



MODEL 137/187
OFFSET HARROW
WIDTH—12′ 6″ to 18′ 6″
WEIGHT—5367# to 7076#

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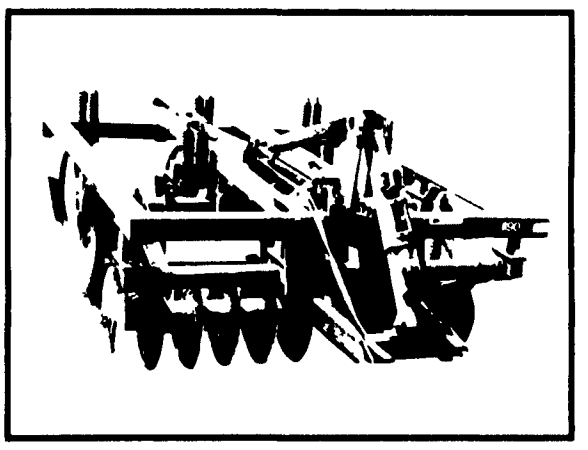
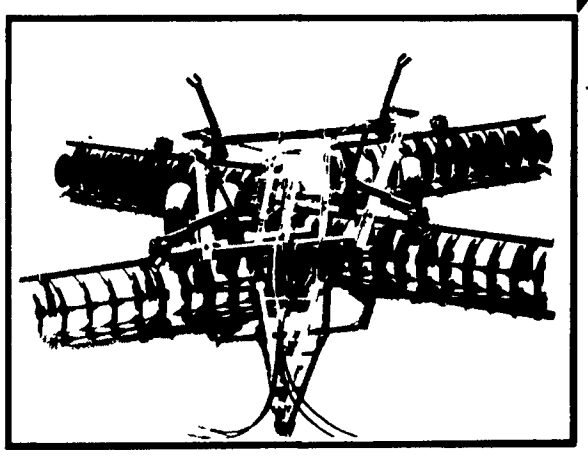


MODEL 890 COULTER CHISEL
WIDTH— 6′ 9″ to 16′9″
WEIGHT—3140# to 7790#



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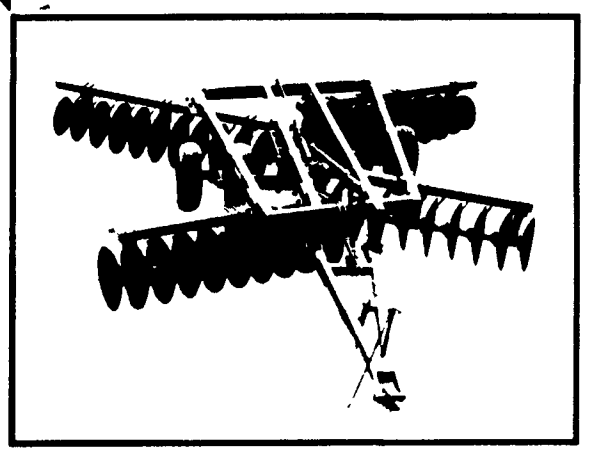

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WIDTH—10′ 2″ to 16′ 9″
WEIGHT—5483# to 7263#

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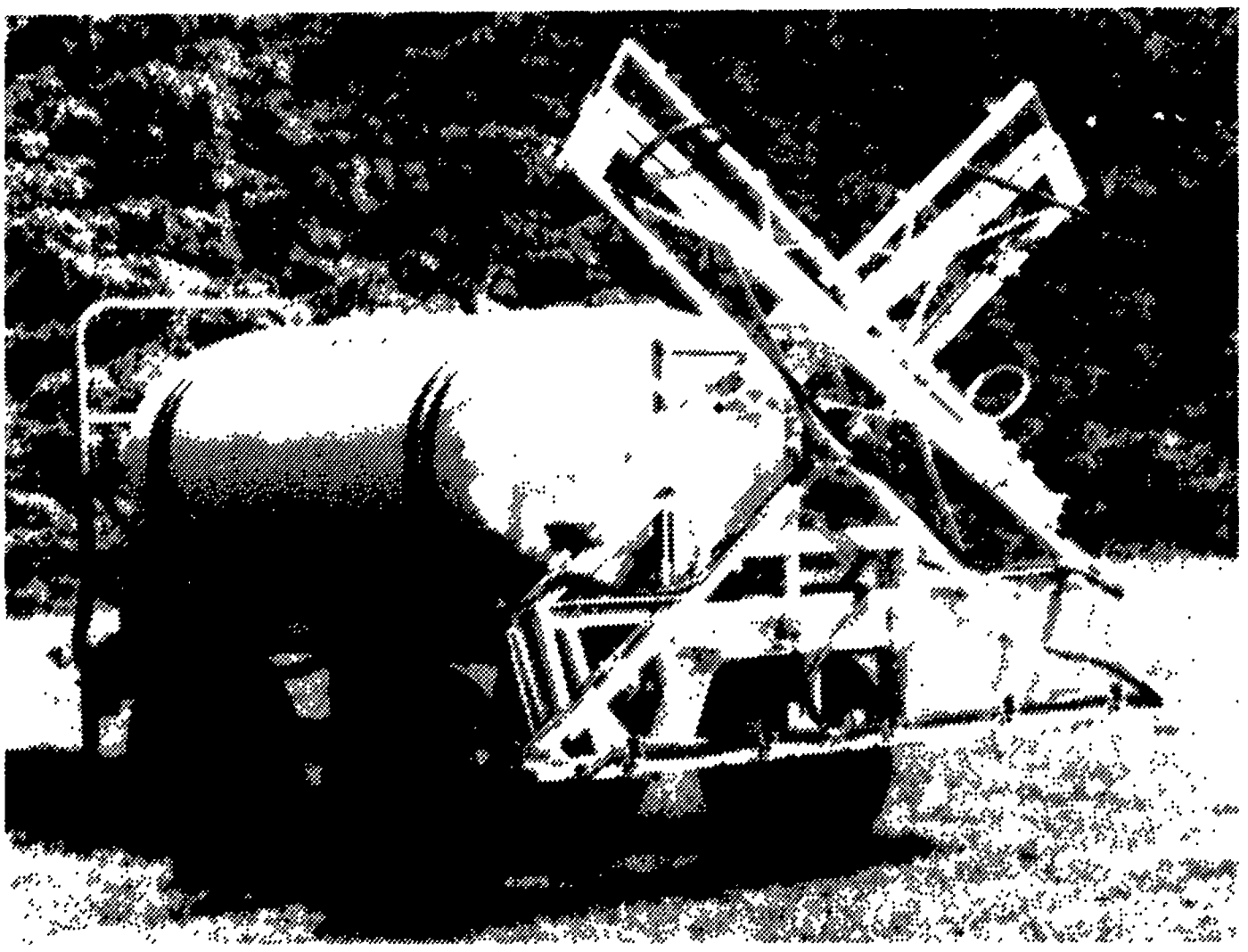

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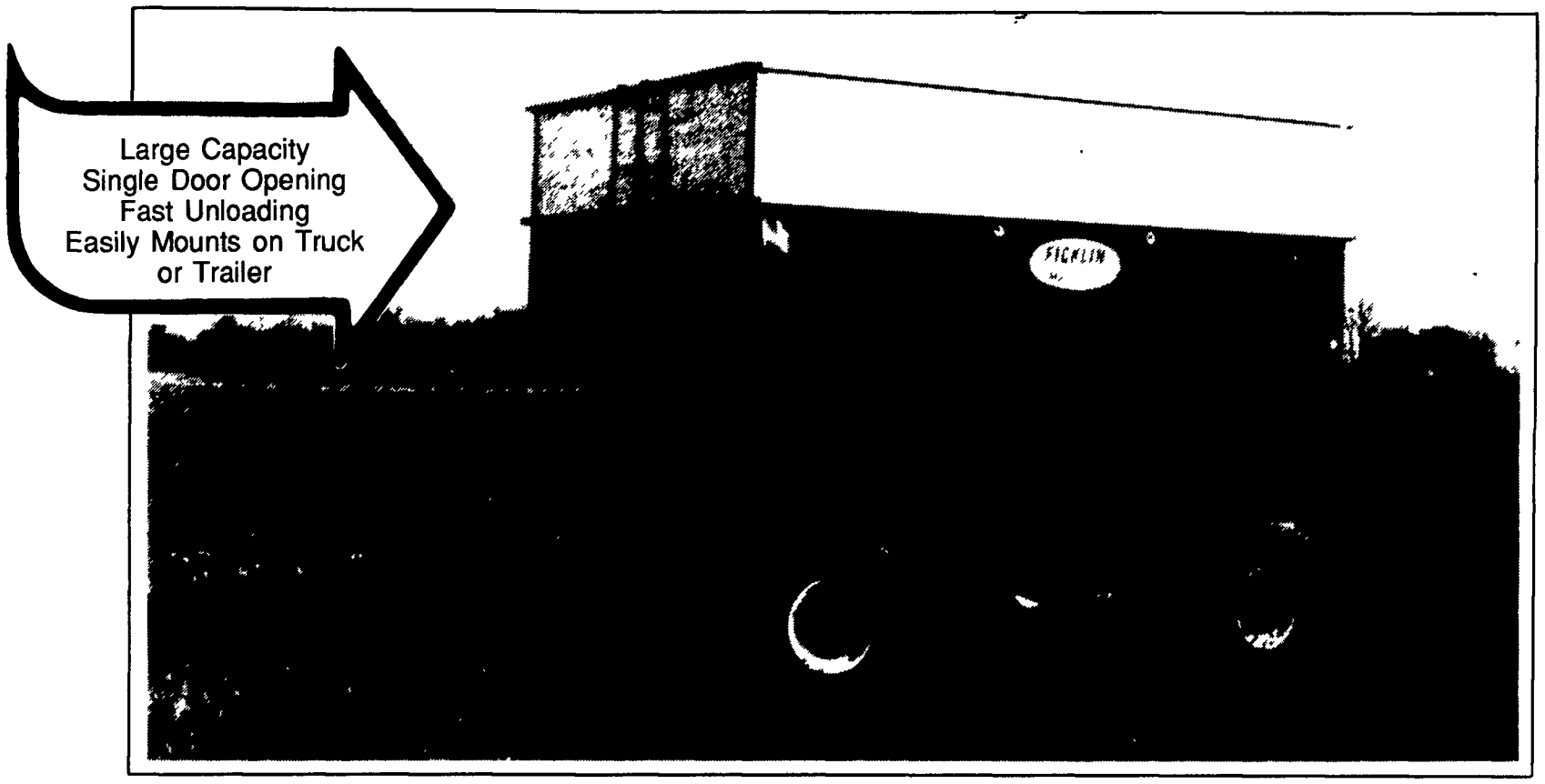

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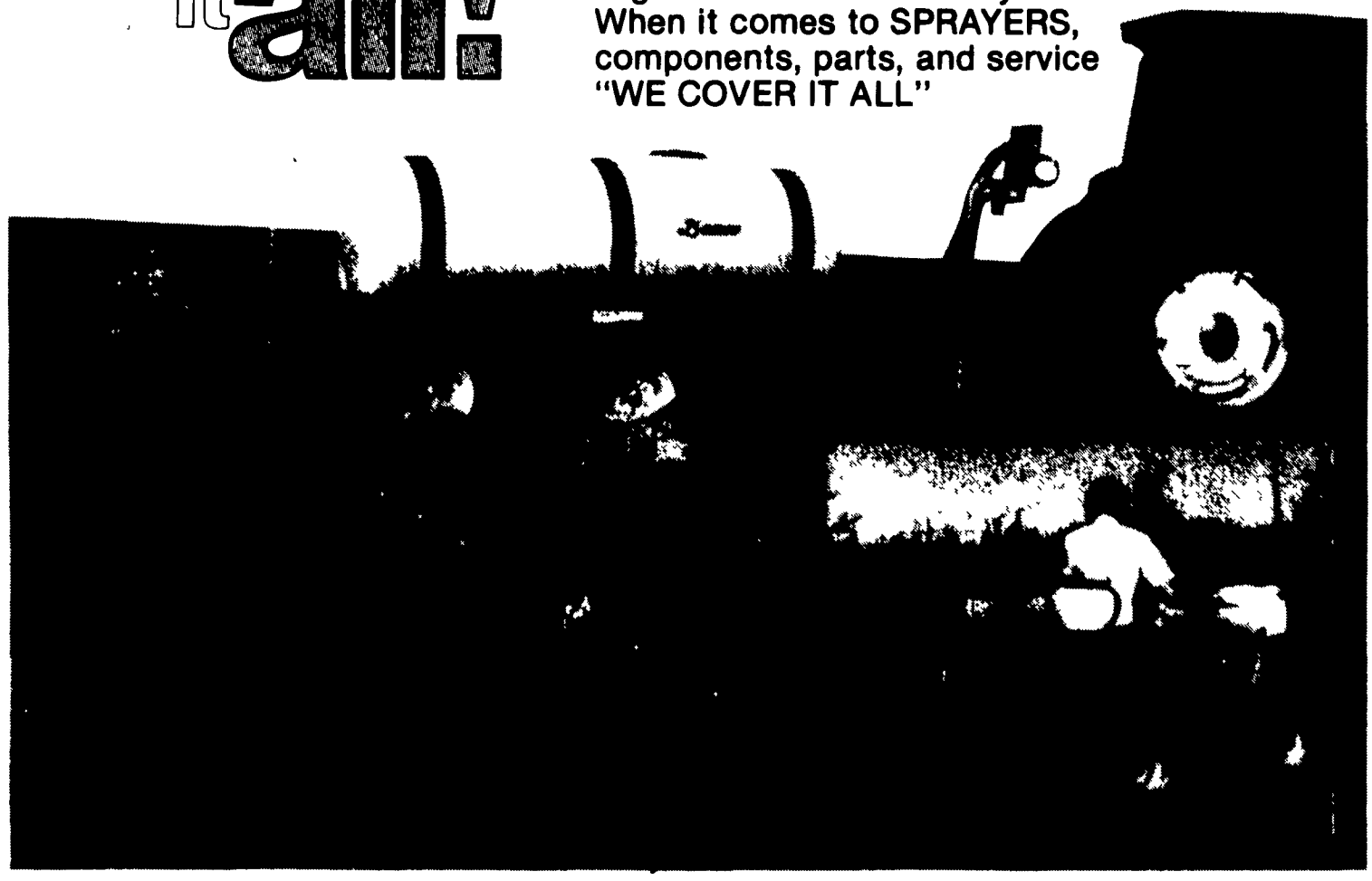

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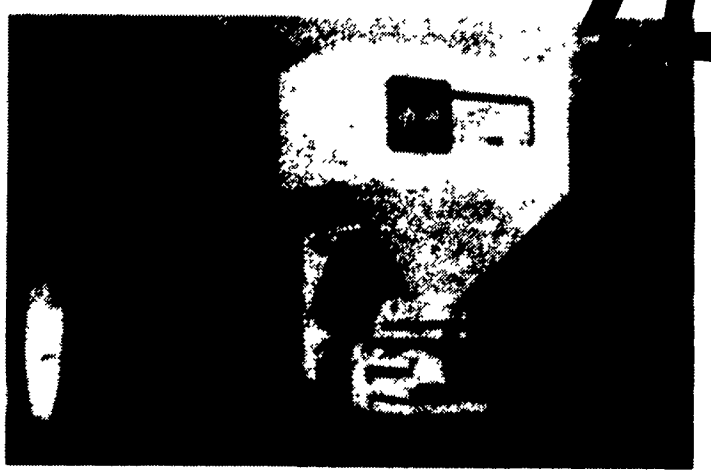

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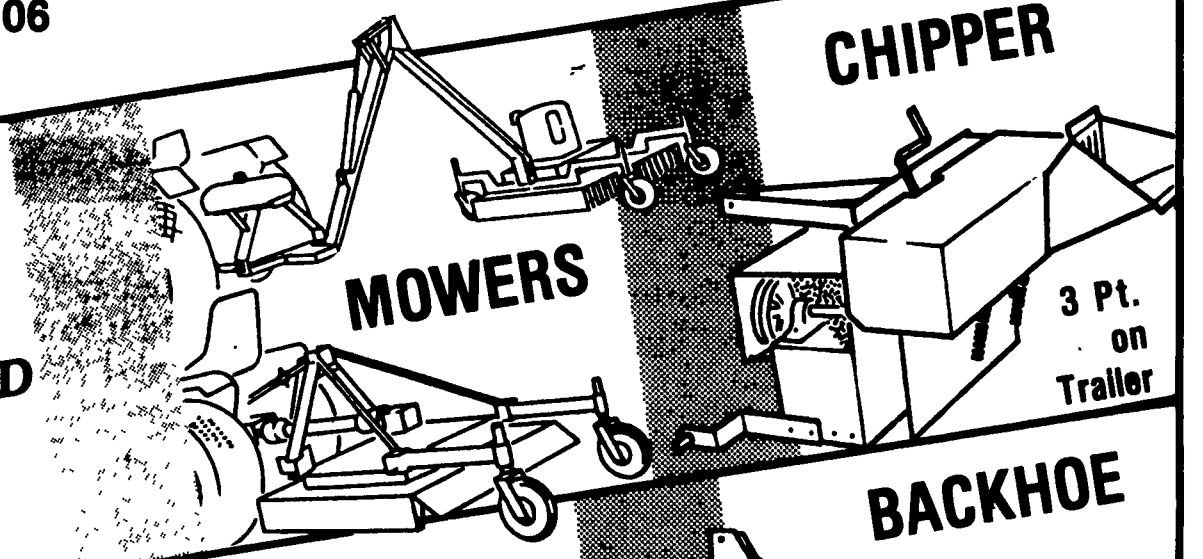

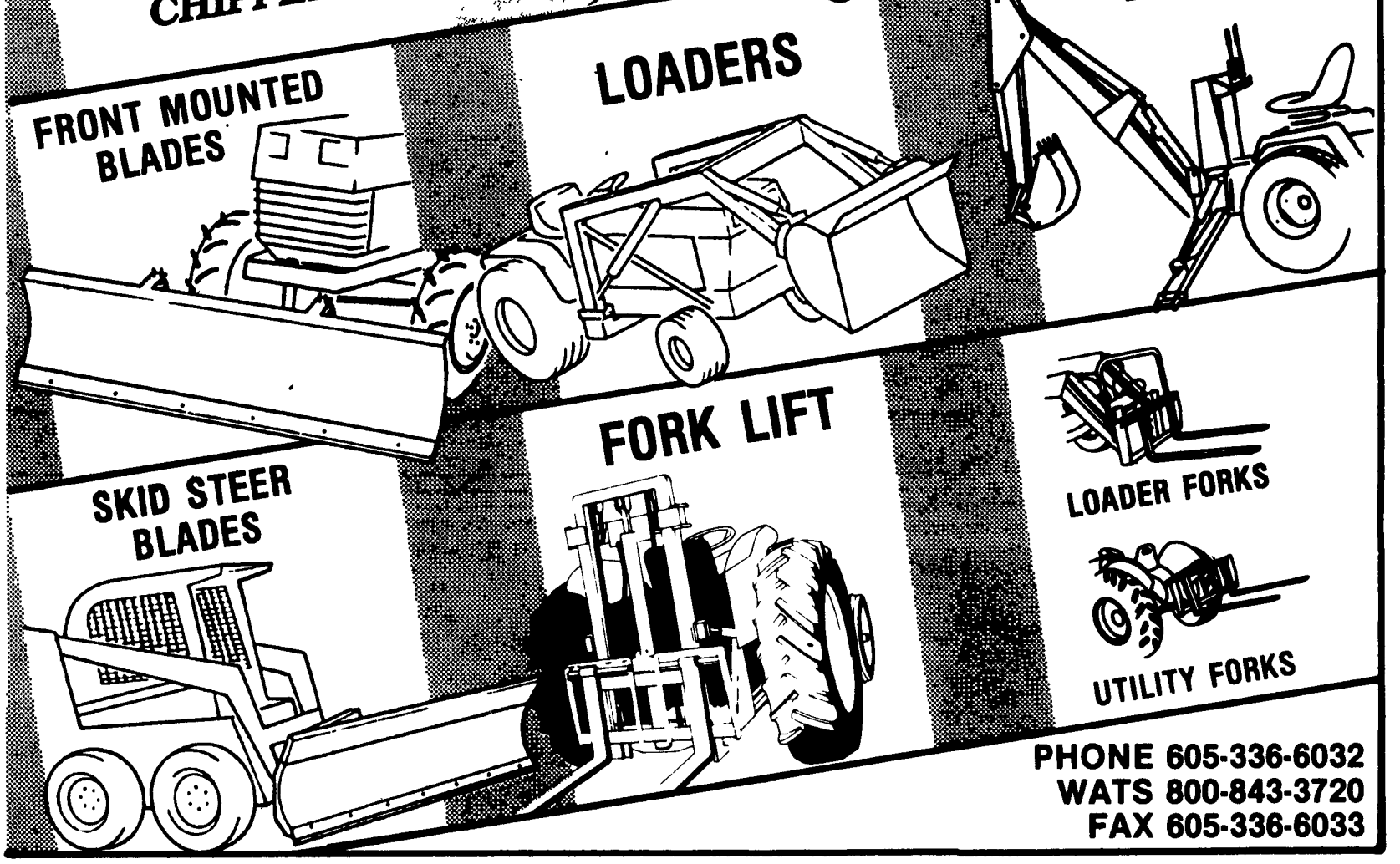

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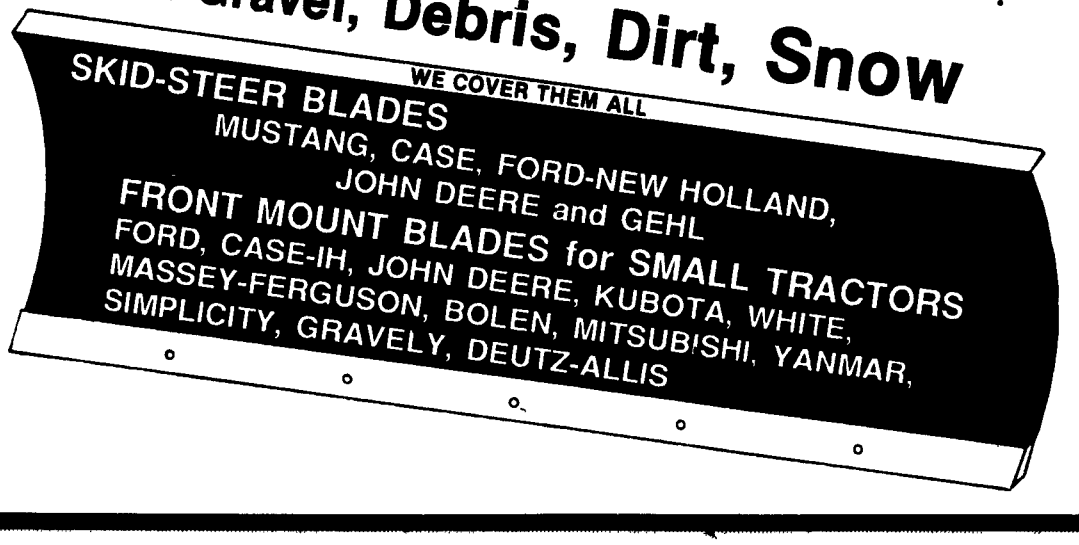
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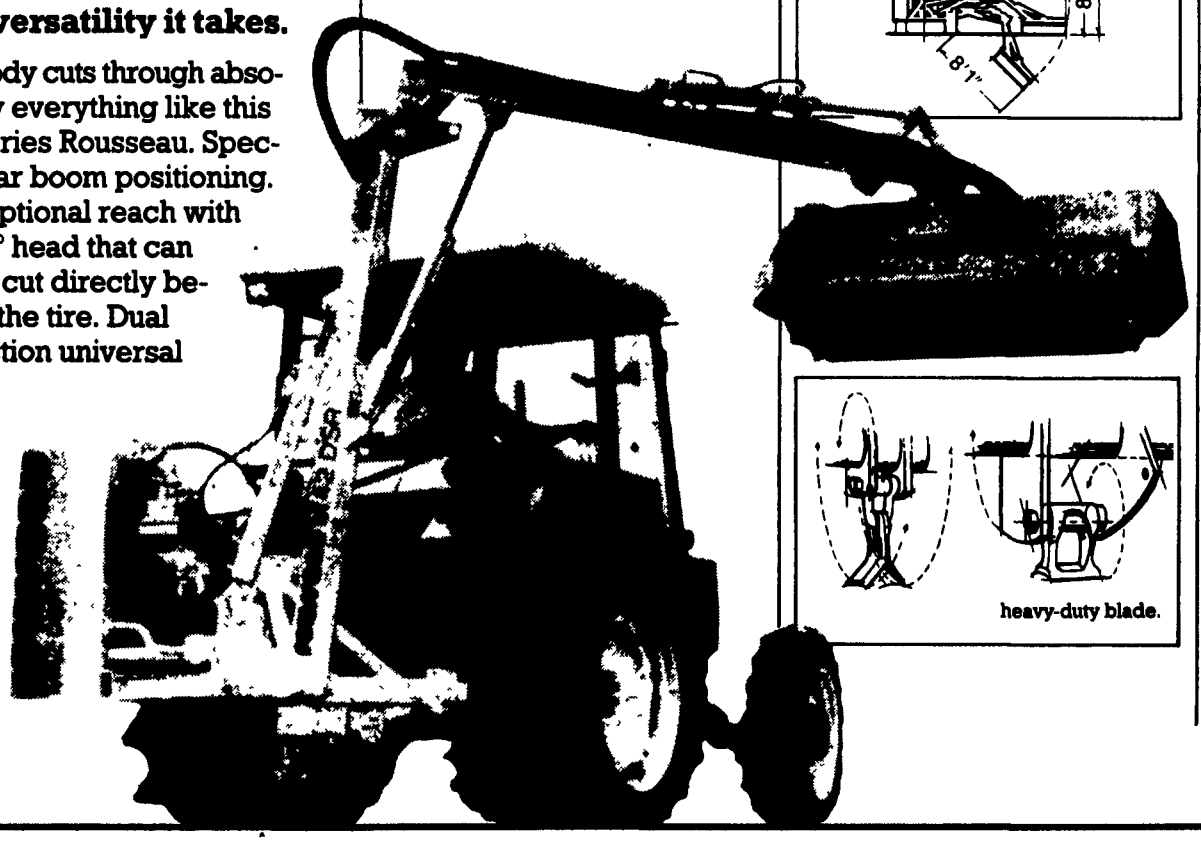
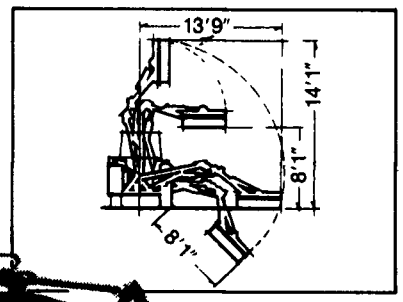
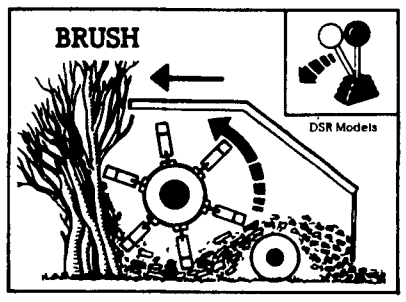
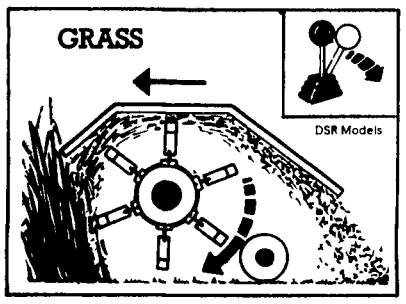




heavy-duty blade.

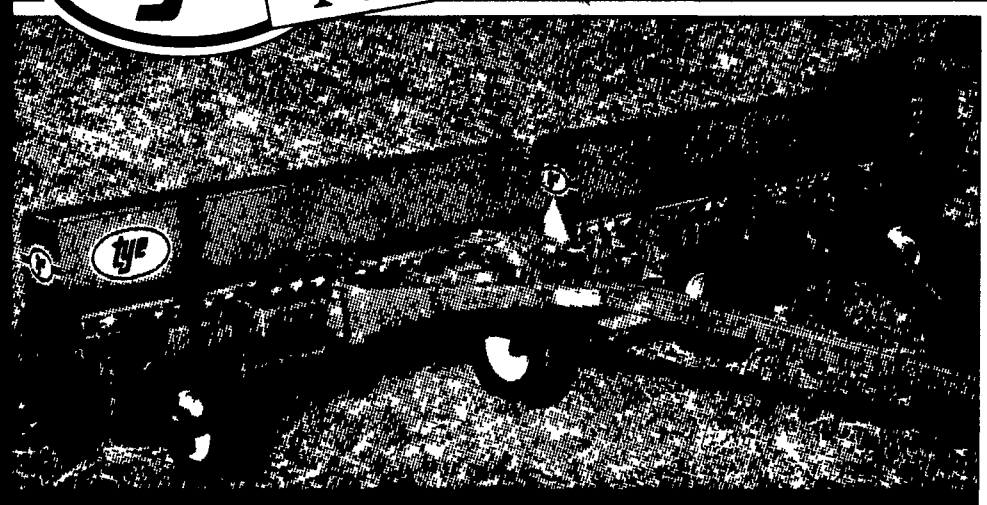




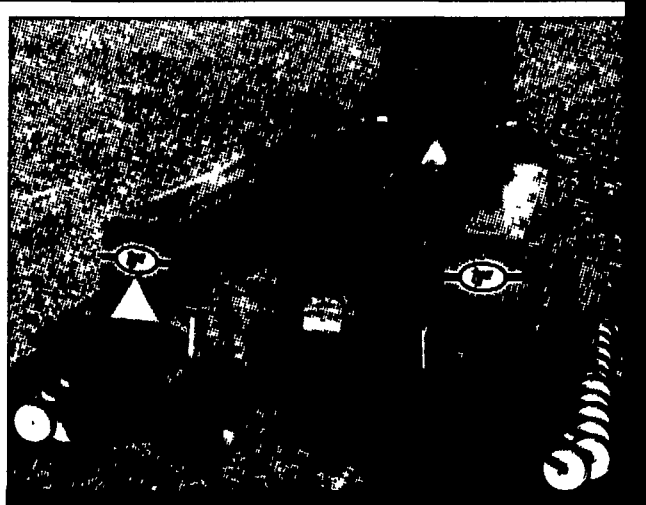
Rotor runs forward to attack heavy brush from top to bottom like an axe...backward to cut grasses near ground level.

rousseau
Because it's a real jungle out there.

tye New Series V Tye Folding Drills



The new Series V Folding Drill in 25 and 30 models
New wishbone hitch eliminates cumbersome center hitch



Clear view while in transport
Folds to a narrow 13'6" width

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Gives the operator clear end-to-end visibility of the drill during planting and a clear view of the road behind him during transport. Clear wishbone design eliminates cumbersome center hitch used on most of the others.

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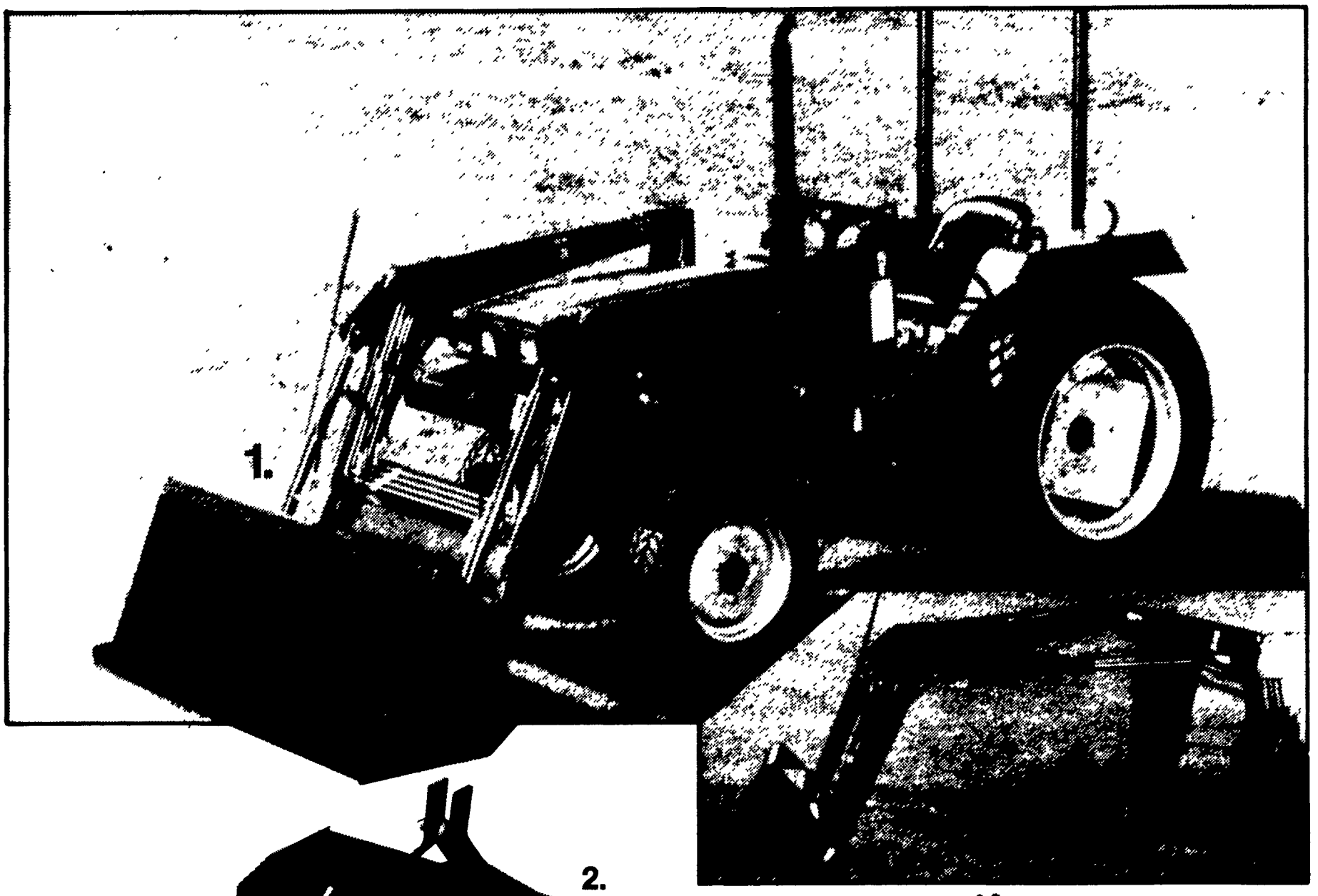

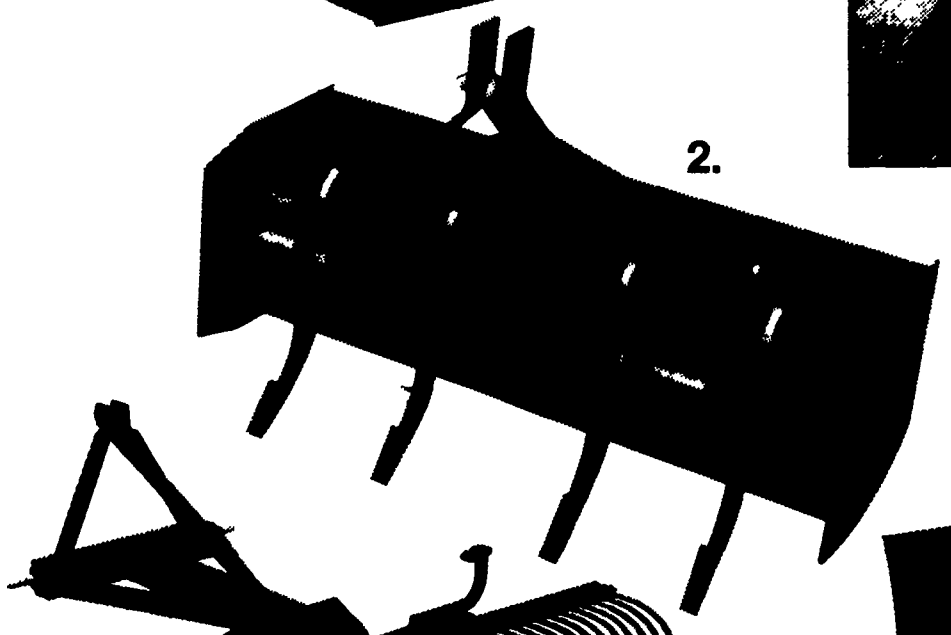

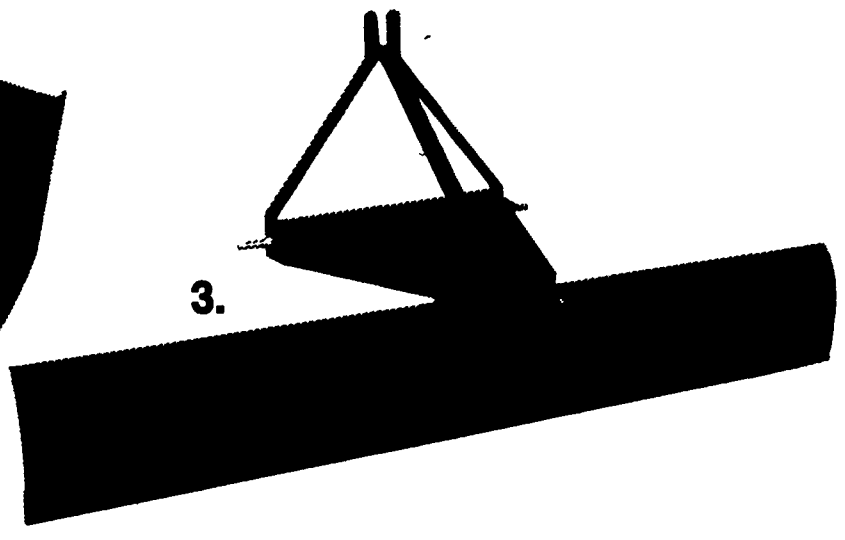

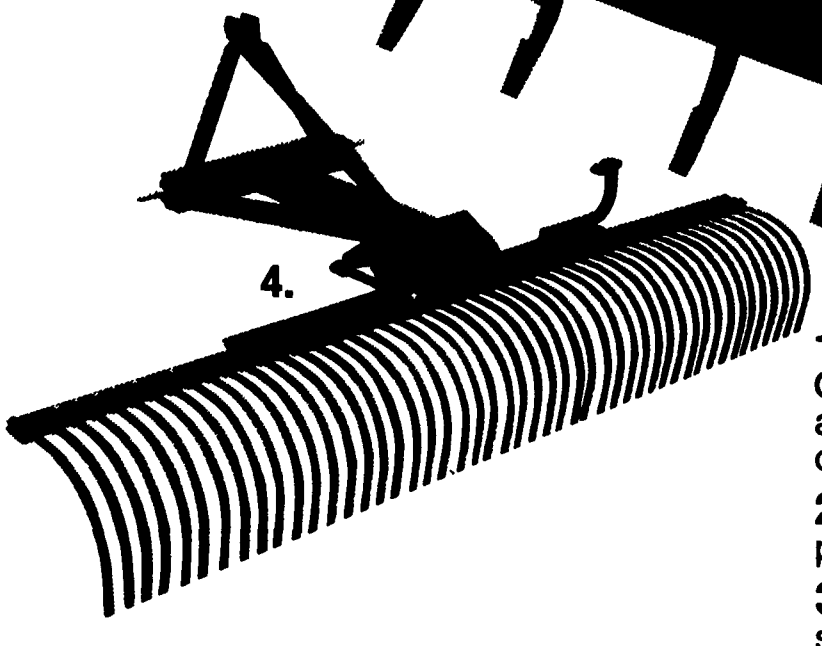

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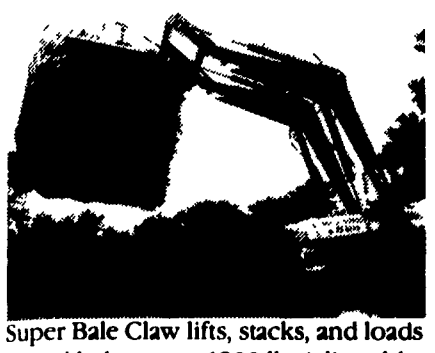
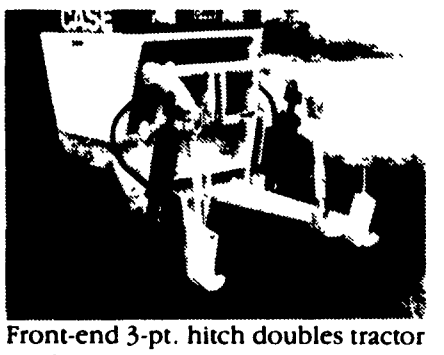
How to make your tractor your best investment

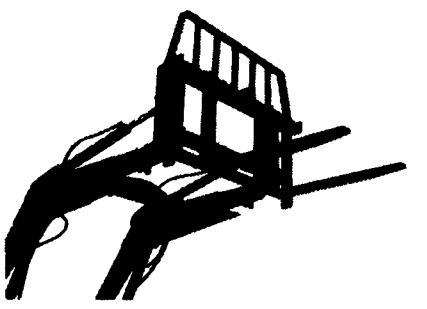


Super Bale Claw lifts, stacks, and loads round bales up to 1800 lb Adjustable.

Rugged 3-pt. hitch conversion kits are available for more than 98 tractor models.

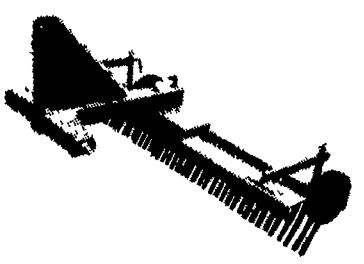


Front-end 3-pt. hitch doubles tractor work capacity. Accommodates many front-end tools.

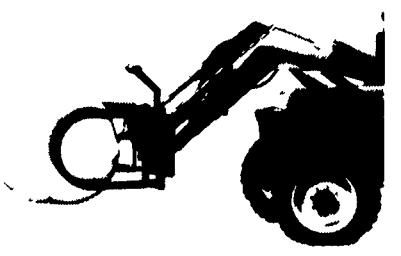


Universal loader forks have 3,000 lb capacity, back guard, center stabilizer spike, and tubular or solid tines.

PTO-powered auger screw digs a deep, smooth hole in seconds. Various models.



Landscape rakes prepare soil for seeding, spread crushed stone or soil.



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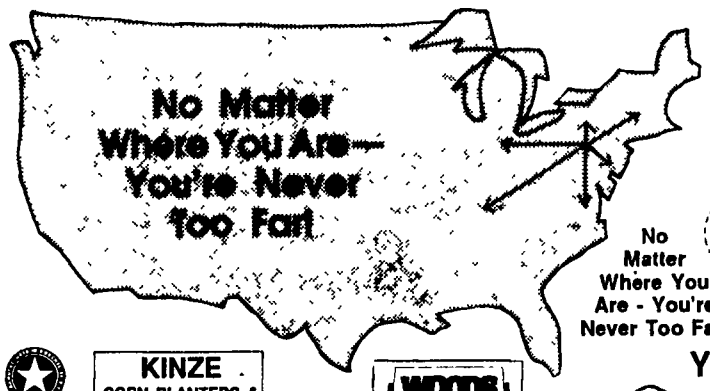

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Four States Livestock

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BULLS: YG#1 1700 LBS AT 72 00; YG#2 63.00-66.00

FED STEERS SELECT TO LOW CHOICE 950-1100 LBS. 70.00-73.75; SELECT 1300-1500 LBS. 65 00-68.50.

FED HEIFERS: SELECT 850-1000 LBS UP TO 64.75.

VEAL CALVES: CHOICE 180-300 LBS. 95.00-112.00, GOOD 82 00-95.00; CULLS 85-120 LBS 68.00-75.00, 50-80 LBS. 62.00-70.00, WEAK AND ROUGH 62.00 DOWN

FARM CALVES, HOLSTEIN BULLS #1 90-125 LBS 140 00-171.00; #2 85-110 LBS. 90.00-135 00.

HOLSTEIN HEIFERS 90-110 LBS. 140.00-177.00, 75-90 LBS. 100.00-150 00; BEEF X BULLS UP TO 140.00, 1 AT 185.00.

BUTCHER HOGS: #2 AND 3 215-260 LBS. UP TO 57.00.

SOWS: 300-500 LBS. 47.00-49.75; 500-600 LBS. 48.00-52.00.

BOARS: UP TO 46.25.

STOCK CATTLE, STEERS: 175-250 LBS. UP TO 115.00; 300-500 LBS. 85.00-96.00; 500-700 LBS. 80.00-92 00; 900-1000 LBS. UP TO 71.50.

HEIFERS: 300-500 LBS. 78.00-87.00; 500-700 LBS. 74.00-84.00.

BULLS: 300-500 LBS. 85.00-97.00; SIMMENTAL 730 LBS. AT 70.00; PUREBRED HOLSTEIN 860.00.

DAIRY REPLACEMENTS: SPRINGERS, 900.00-985.00; FRESH, SMALL UP TO 600.00; OPEN HEIFERS 600-800 LBS. 75.00-83.00.

SHEEP: 22.00-24.00.

LAMBS: 60-90 LBS. 48.00-55.00.

GOATS: SMALL TO MEDIUM 20.00-36.00.

PIGS AND SHOATS: BY THE HEAD, UNDER 30 LBS. UP TO 25.00; 30-50 LBS. 35.00-45.00; BY THE POUND, 140-180 LBS. 51.00-53.50.

STOCK BOARS: 350 LBS. UP TO 46 00.

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Belleville Livestock

Belleville, PA
August 8, 1990

CATTLE 90.. PDA Compared with last weeks market Slaughter cows strong to 1.00 higher Individual Select slaughter steer 65 00, few Select Holsteins 61 00-63.25 Individual Select Holstein heifer 63.00. Few Breaking Utility and Commercial slaughter cows 53 00-55 10, Cutter & Boning Utility 51 75-56.25, Canner & low Cutter 43.00-49.50, Shells down to 40.00. Few Yield Grade No 1, 1000/1465 lbs. sl bulls 57.25-65.50

CALVES 105...One Good vealer 90 00, few Utility & Standard 60/90 lbs 64.00-72.00 FARM CALVES: No 1, 90/130 lbs. Holstein Bulls 140.00-171 00, few to 180.00, No. 2, 85/125 lbs 80.00-135.00; few Hol. Heifers 90/110 lbs. 147.50-176.00.

HOGS 184.. Barrows and gilts 3.00 to 4.00 lower. US No. 1-2 215/250 lbs. 59.25-60.00, 2-3 240/270 lbs. 58.00-59.25. US No. 1-3 350/650 lbs. sows 45.00-50 00. Few Boars 41.50-46.00.

FEEDER PIGS 293...US 1-3 20/35 lbs. feeder pigs 32.00-41.50, 35/50 lbs. 39.00-47.00, 60/75 lbs 55.00-59.00 --- all per head.

SHEEP 71...Choice 50/115 lbs. spring slaughter lambs 50.00-64.00. Slaughter sheep 18.00-36.00 - all cwt.

GOATS 16...Few Large 32.00-51.00, Medium 23.00-44.00 --- all per head.

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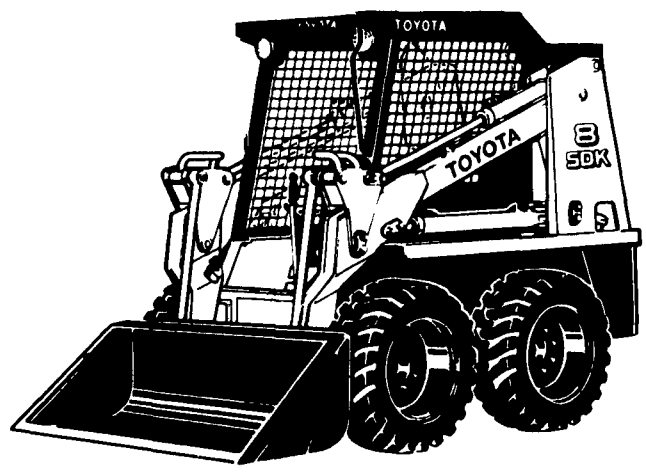

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Meat Rabbits Bring Highest Price, Hogs Most Money

VERNON ACHENBACH, JR.
Lancaster Farming Staff

SOUTH LEBANON (Lebanon Co.) — A meat pen of three rabbits recently brought the highest price per pound of any youth livestock ever sold at the Lebanon Area Fair.

However, market steers still remain the highest individual money maker in Lebanon County. Market hogs, the most common livestock market project, continue to garner the most dollars for the whole program.

The market rabbit sale joined a number of "firsts" for the 1990 Lebanon Area Fair. The sale also nearly became a state record.

At $35 a pound, the three Creme D' Argent rabbits, raised by Kristin Bucher, 16, have tied the record, per-pound of the top livestock price set during the 1990 Farm Show. That was also done with a market pen of rabbits.

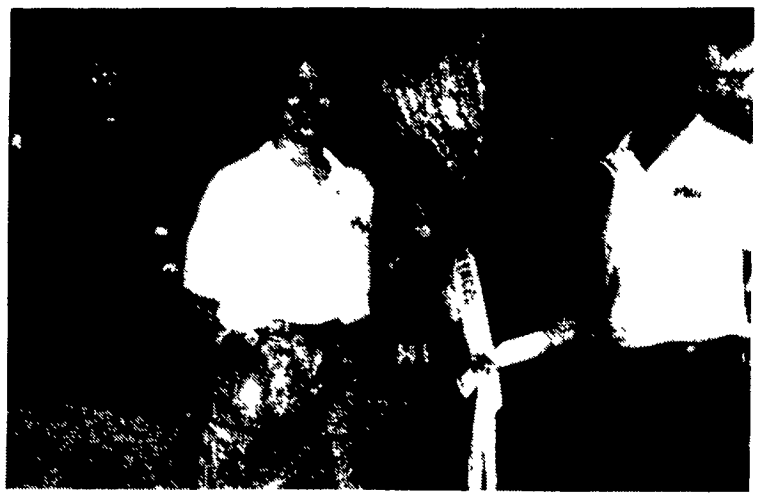
Bucher's 9.4 pounds of hoppers were purchased at a total price of $329 by representatives of Lebanon Valley National Bank.

However, the highest money raiser was not the rabbits, but a champion steer sold by Kelly Bachman, Annville.

Bachman's 1,170 pound Black Angus and Simmental crossbreed steer sold for $2.60 a pound, or $3,042, to Wenger's Farm Machinery Inc., in Myerstown.

Youth participants however, maintain that raising hogs for a 4-H livestock market project is the best way to raise money because of lower overhead cost per pound of animal and higher per pound price.

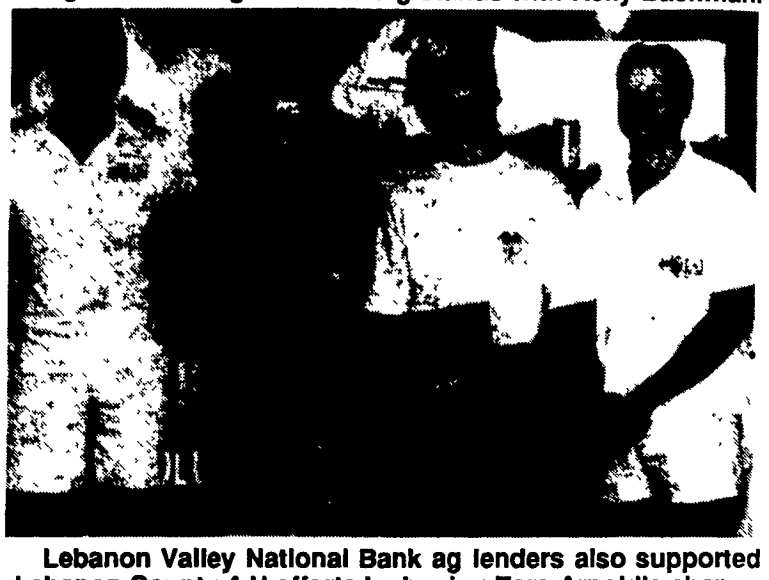
Overall, total livestock sales



People's National Bank representatives bought the grand champion market lamb from Darren Grumbine. From PNB, from left, are Roger Jeremiah, senior vice president and G. Harold Bucher, director. Grumbine holds his champion lamb.

Representing Wengers Farm Machinery Inc., Myerstown, which bought Kelly Bachman's grand champion market steer, are, from left, Larry Wenger, David Wenger and Dennis Diffenbaugh. Diffenbaugh's son Craig stands with Kelly Bachman.

Danny Atkins holds a plaque he presented to buyers of his champion carcass lamb from LVNB's ag lending group. The buyers include, from left, Robert Donaldson, Mike Firestine and Sean McKinney.



Lebanon Valley National Bank ag lenders also supported Lebanon County 4-H efforts by buying Tara Arnold's champion carcass hog. From left are Cathy Whittaker, Mike Firestine, Arnold and Paul Bissman.

WOOD BUILDING ON DISPLAY

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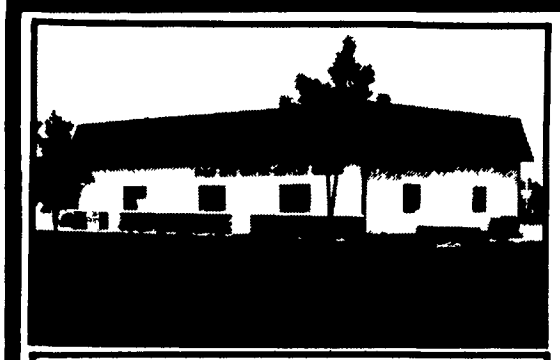

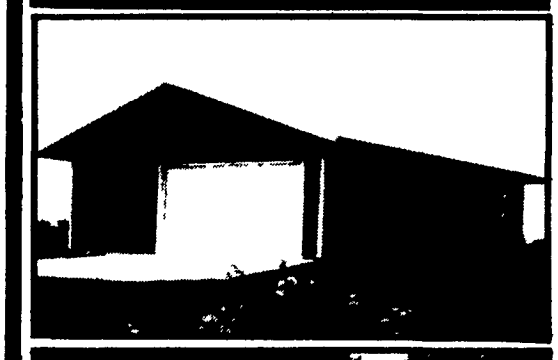

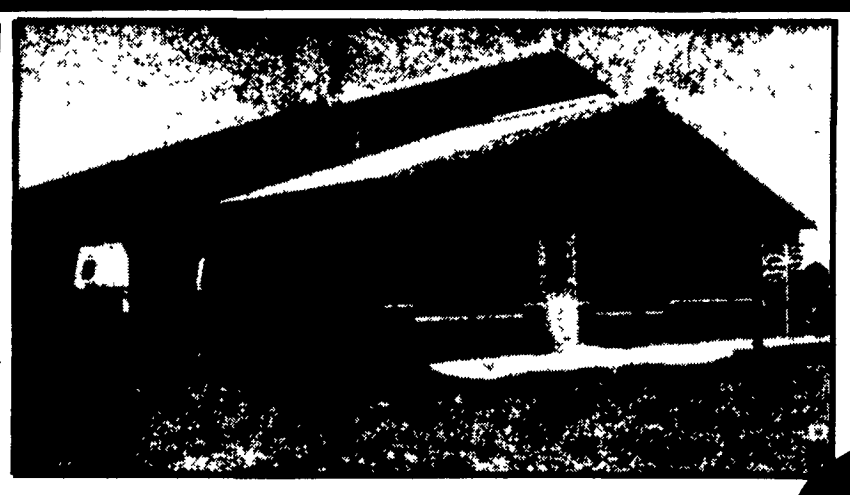

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peaked to $77,790.50, without the sale of carcass animals included. Last year, total sales (minus carcass sales) was $63,902.32.

The sale of market hogs accounted for almost half the total sales. The sale of steer accounted for ⅓ of the remaining sales income.

Exactly how much money each participant made is not known, but project books are supposed to include all costs associated with raising the animal for market. Those books are turned in to advisors later in the year.

The champion market hog, owned by Brian Kreider, sold for $3.75 a pound and was bought by Stauffers of Kissel Hill. At 243 pounds, the hog earned Kreider $911.25.

The grand champion market lamb earned $728 for Darren Grumbine. The 91-pound lamb sold to People's National Bank for $8 a pound.

Relatively new to the livestock auction is the sale of the grand champions of the Lebanon County Complete Market Animal Contest. Both prices were up slightly from last year.

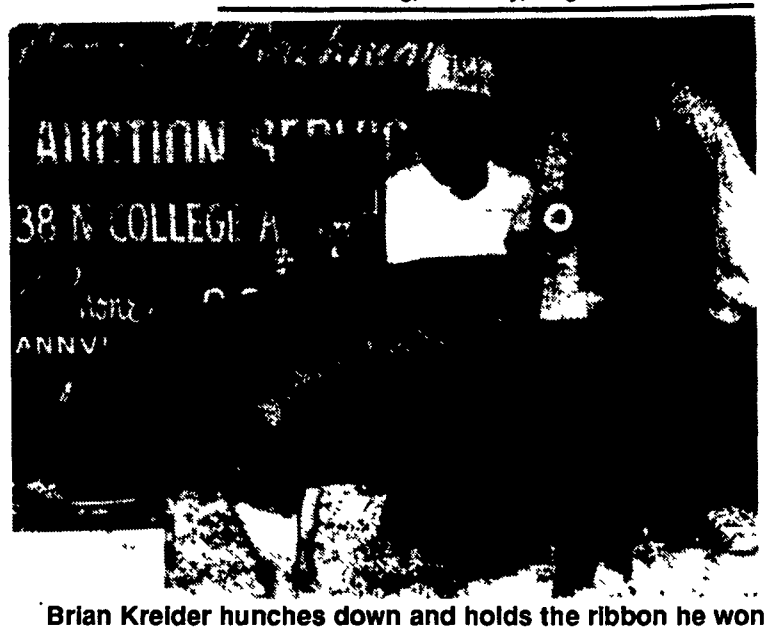
Kara Arnold's grand champion complete market hog sold for a total $485 to Lebanon Valley National Bank. The hog, butchered and packaged for consumption, had showed an overall index of 113.42, and average daily gain of 2.54 pounds a day, a carcass weight of 225 pounds, fat thickness of 1.5 inch, loin eye area of 6.35 inches and a length of 32.5 inches.

The grand champion complete market lamb brought $300 to Dan Atkins. Last year's animal sold for $100, so the increase in price was significant. Also cut and packaged, the 41-pound carcass lamb showed an average daily gain of .41 pounds a day, yield rate of 2.4, .2-inch fat thickness a loin eye area of 2.3 square inches and a conformation score of average prime.

According to auction organiz-

(Turn to Page A48)

Buyers of the high priced meat pen of rabbits, from the left are LVNB's ag lending vice president Mike Firestine, and assistant Cathy Whittaker. Holding one the three Creme D' Argent rabbits she raised is Kristin Bucher. Also from LVNB ag lending group is Paul Bissman.



Brian Kreider hunches down and holds the ribbon he won with a grand champion market hog, while "Willie the Butcher," also known as W.E. Kreider, from Stauffers of Kissel Hill accepts a plaque presented in gratitude for buying the animal.

Kevin Goss is the first recipient of the H.J. Smith & Sons annual 4-H Scholarship. Unable to attend, his parents Rick and Denise Goss, accept the scholarship on his behalf from Harold Smith (left). Also pictured is county 4-H leader Martha Gregory, who stands behind Denise Goss.

GR SS DAYS Aug. 14, 15, 16

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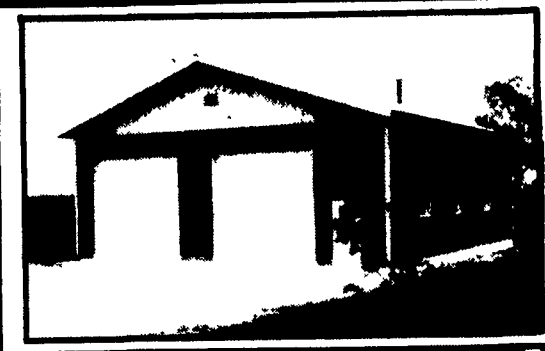

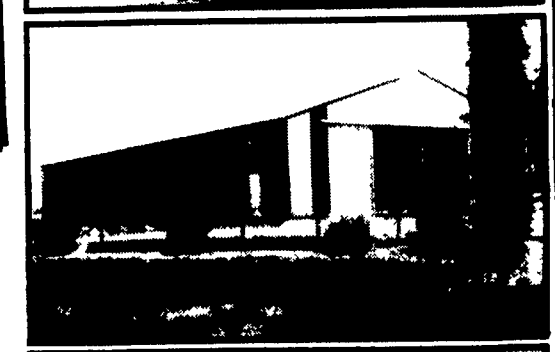

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Increasing Member Control Of DHIA Services

On The Record

Dick Barth

PA DHIA General Mgr.

DICK BARTH
General Manager, PA DHIA

Over the past several months I've been writing about the reorganization of DHIA in Pennsylvania. In those articles there were nine major reasons why this change is crucial to the future of DHIA and the association's members. Here they are again in case you missed any:

1. County service rates are not fairly set.
2. Dairy producers are often required to wait for DHIA services because there is no DHIA supervisor available.
3. Hiring standards are not uniform for supervisors.
4. There is duplication of effort between the state and local associations.
5. Billing for optional services is becoming too complex for local associations.
6. There is little opportunity for advancement for DHIA supervisors.
7. Double standards exist between counties for rule enforcement.
8. Legal liability for directors is increasing
9. Controlling the cost of services is getting tougher.

Now let's take a look at what reorganization really amounts to. Just exactly what are the changes that will take place?

In June 1989, the PA DHIA Board of Directors adopted a new set of bylaws that will be effective on October 1, 1992. Those bylaws will end the federated structure of DHIA in the state and independent local associations with local boards of directors and officers will no longer exist. They will be replaced by local units of Pennsylvania DHIA which will have local unit committees composed of at least three members each. All members will be direct members of PA DHIA.

Your local unit will operate much like your old local association, but its purpose will change from operational control of field services and member representation, to representation alone. There still will be an annual recognition banquet organized and conducted by the local committee; the local committee members still will be available to hear your concerns and see that state directors are made aware of them; you will more than likely have the same supervisor and meters after the change that you had before; your county's monthly report probably still will be in the newspaper; and you still will elect local unit committee members locally once a year.

However, there will be major changes in the way you elect your state representation. Instead of five membership districts with several directors per district, there will be 16 districts with one director each. That will end the confusion over which director was elected to represent which county. Furthermore, any member will be permitted to nominate any other member for state office, and the nominee will not have to be a current member of the local committee.

Nominees will be presented to local unit delegates who will be selected by the members of the local unit, not by the local committee members. They will be presented for election at one of two district meetings a year. Winners of the election will then take their seats on the state board at the first board meeting after the annual corporation meeting each March.

Besides the district meeting for elections in late winter, there will be another set of district meetings each year, probably in the fall. Those meetings will be attended by state directors and staff and will be designed to communicate member concerns to their representatives and news about services and issues of concern to members.

Under the new bylaws, 16 districts will provide for more equal representation than is possible under the current five district structure (see the accompanying maps of old and new districts). What's more, there will be a procedure for member review of district boundaries every three years and a procedure to change the boundaries if necessary.

All these changes are designed to increase the control that members have over the policy making process of their state association. At the same time it provides the foundation for improved services because full-time staff will be responsible for all operations, including field services.

In my next article we will take a look at how staff will control and direct supervisors. Please stay tuned.

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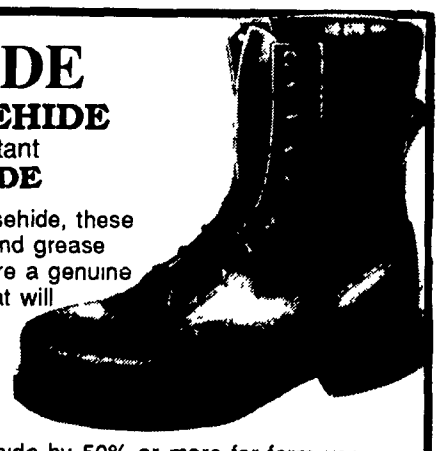

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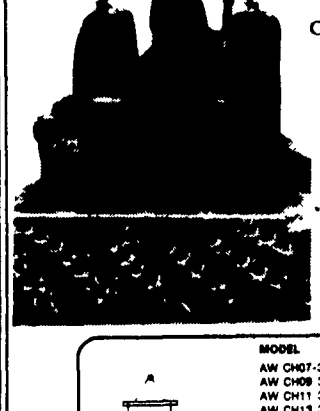

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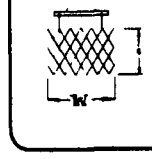

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AW CH13 3	13' chain harrow
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AW CH17 3	17' chain harrow
AW CH19-3	19' chain harrow

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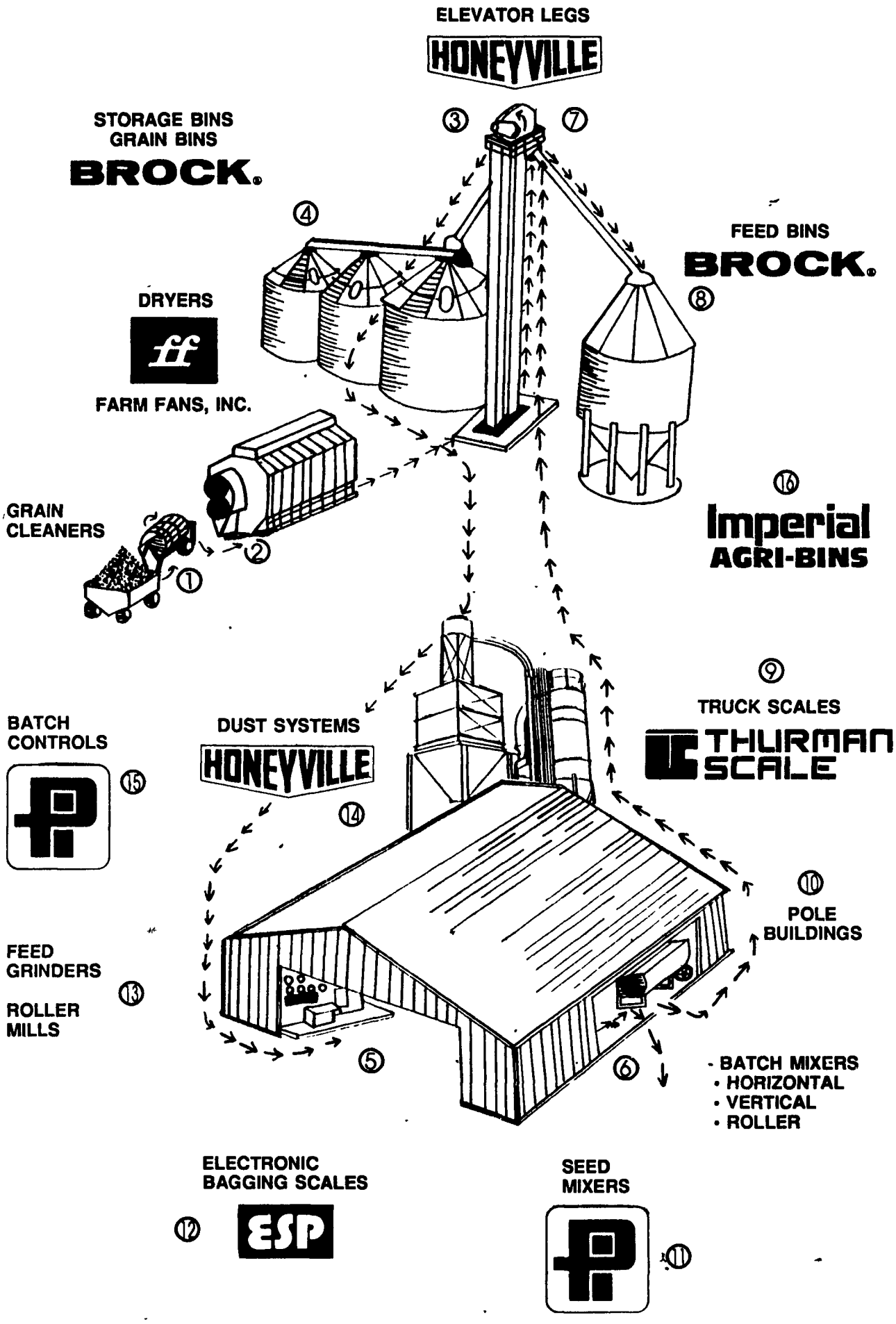

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Carlisle Livestock Market

Carlisle, Pa.
Tuesday, July 31, 1990

SLAUGHTER STEERS: ACTIVE. CHOICE 75.00-76.25; SELECT 68.50-72.25; STANDARD 65.00-67.25.

SLAUGHTER HOLSTEINS: CHOICE, NONE OFFERED; SELECT 62.75-65.85; STANDARD 57.00-61.00.

SLAUGHTER HEIFERS: SELECT AND CHOICE 70.00-74.00; STANDARD 64.25-65.00.

SLAUGHTER COWS: STRONG DEMANDI EARLYBIRD PENS FIRM 3.00 HIGHER. BREAKING UTILITY AND COMMERCIAL 55.50-58.25; CUTTER AND BONING UTILITY 54.00-57.75; CANNER AND LOW CUTTER 50.00-53.85; BIG MIDDLE 49.50-54.00; SHELLY 49.00 AND DOWN.

SLAUGHTER FAT BULLS: YG#1 64.50-68.00; YG#2 55.25-62.50.

FEEDER HEIFERS: ALL WEIGHTS, MEDIUM #2 65.00-83.00; HOLSTEINS 90.00-93.00.

FEEDER BULLS: ALL WEIGHTS, MEDIUM 64.00-76.00.

VEAL CALVES: CHOICE 95.00-105.00; GOOD 88.00-94.00; STANDARD AND GOOD 73.00-83.00; LIGHT/WEAK 72.00 AND DOWN.

FARM BULLS: 110.00-150.00; FARM HEIFERS 125.00-167 50.

HOGS: US#1-3 210-260 LBS. 59.50-60.75; UNDER 200 LBS 50.50-53.00; 2 AND 4, ALL WEIGHTS, 57.35-59.25.

SOWS: ACTIVE. 450 LBS. 48.00-49.25; UNDER 450 LBS 46.75-49.00, 2 AND 4, ALL WEIGHTS, 41.50-46.00.

BOARS: 45.75-49.00.

FEEDER PIGS: BY THE HEAD, 20-25 LBS. 17.00-25.00; 30-45 LBS. 31.00-36.00.

SHEEP: EWES 13.00-28.00; YEARLINGS TO 47.00.

LAMBS. CHOICE 15-25 LBS. 150.00-155.00; CHOICE 70-90 LBS 65.00-73.00, MEDIUM AND GOOD 52.00-60 00

GOATS: BY THE HEAD, SMALL, MEDIUM 21.00-53.00.

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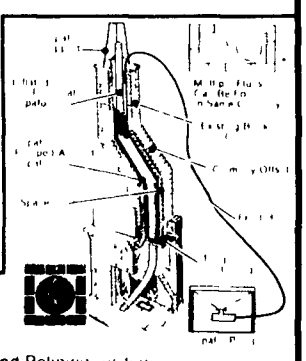

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Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Aug. 7, 1990
Report supplied by auction

SLAUGHTER COWS· UTILITY 53.00-57.00; HIGH DRESSING UP TO 59.75; CANNERS 50 00-54 00; SHELLY 50 00 DOWN

BULLS: YG#2 62.00-66.25; STANDARD UP TO 60.50

FED STEERS: LOW CHOICE 1200-1300 LBS. 71.00-73.50; SELECT 65.00-67.00.

FED HEIFERS: LOW CHOICE 825-1040 LBS. 68.50-71 50, COMMERCIAL 60.00-63.50.

VEAL CALVES· 1 PRIME 380 LBS. AT 119 00, CHOICE 260 LBS. UP TO 103.00, GOOD 85 00-95 00; CULLS 85-110 LBS. 68.00-75 00, 50-80 LBS. 63 00-70 00, WEAK AND ROUGH 63.00 DOWN

FARM CALVES, HOLSTEIN BULLS: #1 95-125 LBS. 130.00-160 00, #2 90-110 LBS 100.00-130.00.

HOLSTEIN HEIFERS. 95-110 LBS. 150.00-172.00; BEEF X BULLS UP TO 137.00; HEIFERS UP TO 105 00.

BUTCHER HOGS: #1 AND 2 225-260 LBS. UP TO 58.00; #1 AND 3 215-260 LBS. 56.00-57.50; 280-325 LBS. 51.00-53.00; 190-215 LBS. 56.00-58.00.

SOWS: #1 AND 3 300-500 LBS. 48.00-50.25; 500-700 LBS. UP TO 51.75; #2 AND 3, ALL WEIGHTS, 45.00-48.00.

BOARS: 400-600 LBS. 45.50-46.25; 700-850 LBS. 43.00-44.25.

STOCK CATTLE: STEERS 400-600 LBS. 85.00-92.00; FEW 97.00-104.00; 600-700 LBS. 79.00-89.00; 700-950 LBS. UP TO 74.00; HOLSTEINS 400 LBS. UP TO 75.00.

HEIFERS: 300-500 LBS. 73.00-89.00; 500-800 LBS. 70.00-79.00; 800-900 LBS. 65.00-70.00; STOCK COWS 700-1050 LBS. 55.00-64.00.

BULLS: 300-500 LBS. 89.00-102.00; 600-800 LBS. 68.00-72.00; 800-900 LBS. 63.00-65.50.

LAMBS: CHOICE 100-125 LBS. 49.00-54.50, 80-99 LBS. 51 00-58 50; 60-80 LBS. 54.00-61.00.

SHEEP: GOOD 20.00-33.00; FAT OR HEAVY 15.00-20.00.

GOATS· LARGE 60.00-81.00; MEDIUM 35.00-50.00; SMALL 20.00-35.00.

PIGS AND SHOATS: BY THE HEAD, 15-30 LBS. 13.00-23.50; 30-50 LBS. 21.00-42.00; 50-70 LBS. 35 00-60.00; BY THE POUND, 100-140 LBS. 52 00-58.00, 140-190 LBS. 51.00-53.00.

STOCK BOARS: 230-280 LBS. 46 00-48 00.

New Wilmington Livestock

N. Wilmington, PA
August 6, 1990

CATTLE 248 . PDA ..Compared with last Monday's market. Slaughter cows strong to 67.00-70.00, one Select 64.75, few Standard 60.00-62.00. Couple Choice low dressing sl. heifers 68.00&69.75, couple Select Holsteins 64&64.25, few Standard 58.00-61.75. Breaking Utility & Commercial sl. cows 50 00-54.25, couple 55.75&56, Cutter & Boning Utility 48.50-53.25, Canner & Low Cutter 40.00-49.00, Shells down to 19.00. Yield Grade No. 1, 1100/1520 lbs. sl. bulls 60.75-65, couple 66&67.75. Feeder Cattle: Few Medium & Large Frame No. 1, 300/535 lbs. steers 93.00-110.00, few 610/770 lbs. 71.50-85.00. Medium Frame No. 1-2, 400/750 lbs. heifers 60.00-74.00. Few Med. & Large Frame No. 1, 570/855 lbs. bulls 64.00-72.00.

CALVES 295...One Choice vealer 110.00, few Good 90.00-101.00, Standard & Good 90/120 lbs. 70.00-81.00, 60/85 lbs. 60.00-72.00, lot Utility 53 lbs. 55.00. Farm Calves: Hol. Bulls No. 1, 90/140 lbs. 110.00-157.00, lot 85 lbs. 85.00, No. 2, 90/120 lbs. 80.00-110.00; Hol. Heifers 85/130 lbs. 125.00-190.00. Beef cross 70/130 lbs. bulls & heifers 80.00-145, few 195.00, 170/265 lbs. 80.00-105.00.

HOGS 437...Barrows and gilts .50 to .75 lower. US No. 1-2 230/255 lbs. 58.25-58.75, couple lots 60.75&62.25, 1-3 215/260 lbs. 57.00-58.35, 2-3 240/290 lbs. 55.50-57.00. Sows .50 to 1.00 higher. US No. 1-3 330/595 lbs. sows 46.00-50.75. Boars 42.00-46.75.

FEEDER PIGS 19...US No. 1-3 15/30 lbs. feeder pigs 15.00-34.00 --- all per head.

SHEEP 214...High Choice & Prime 80/110 lbs. spring slaughter lambs 50.00-56.50, Choice 75/100 lbs. 46.00-56.00, few 65/70 lbs. 59.00-60.00. Good and Choice 45/75 lbs. feeder lambs 40.00-50.00 - all cwt. Slaughter sheep 10.00-30.00.

GOATS 8...Few Large 46.00-61.00, few Medium & Small 12.00-39.00 --- all per head

Shenandoah Valley Livestock

Harrisonburg, Va.
Aug. 4, 1990
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 96.00-107.00; 500-700 LBS. 80.50-96.00; 700-900 LBS. 78.00-85.50; HOLSTEIN 300-1000 LBS. 60.00-77.00.

FEEDER BULLS: 300-500 LBS. 94.00-105.00; 500-700 LBS. 81.00-93.50; 700-800 LBS. 68.00-75.00.

S-L&M&L-2 300-500 LBS. 85.50-93.50.

HEIFERS: 300-500 LBS. 83.50-92.00; 500-700 LBS. 82.75-88.00; 700-1000 LBS. 68.00-77.00.

S-L&M&L-2 300-500 LBS. 80.00-85.50.

STOCK COWS: BEEF 610.00-800.00; BABY CALVES BY THE HEAD 50.00-105.00, CWT. .75-1.20.

SLAUGHTER COWS: HIGH YIELDING 55.00-61.00; UTILITY AND COMMERCIAL 2-4 48.25-54.75; CANNER AND CUTTERS 1-3 44.00-50.50.

SLAUGHTER BULLS 1&2: 62.00-71.00.

LAMBS: $1 HIGHER. BLUE O HIGH CHOICE AND PRIME 52.60; RED O CHOICE 51.75; FEEDER LAMBS CHOICE 51.50-58.00; SLAUGHTER EWES 16.75-24.00.

HOGS: US1-3 200-240 LBS. 56.50; SOWS 1-3 43.25; BOARS 44.25.

SLAUGHTER CALVES: GOOD AND CHOICE 250-500 LBS. 77.00-83.50.

Morrisons Cove Livestock

Martinsburg, Pa.
Aug. 6, 1990
Report supplied by auction

CATTLE 174. STEERS: H. CHOICE & PRIME 75.00-76.10, CHOICE 72.00-74.85, GOOD 67.50-71.75, STANDARD 62.50-67.25.

HEIFERS: CHOICE 72.25-74.25; GOOD 65.50-71.50.

COWS: UTILITY & COMMERCIAL 54.50-60.50; CUTTERS 52.25-54.25, CANNER & LOW CUTTER 44.75-51.75.

BULLOCKS: GOOD & CHOICE 66.50-70.25.

BULLS: YIELD GRADE NO. 1 63.25-70.10.

FEEDER CATTLE: STEERS 63.50-92.50, BULLS 60.50-88.50; HEIFERS 61.25-86.50.

CALVES 311. PRIME 102.50-109.50; CHOICE 94.50-98.50, GOOD 86.50-92.50, STANDARD & GOOD 79.50-85.50, 90-110 LBS. 74.50-92.50, 65-90 LBS. 64.50-82.50, HOLSTEIN BULLS 90-130 LBS. 122.50-170.50; HOLSTEIN HEIFERS 90-130 LBS. 112.50-165.50.

HOGS 69. US NO. 1-2 59.25-60.50, US NO. 1-3 57.50-58.75.

SOWS: US NO. 1-3 46.50-51.25.

BOARS 46.25-47.50.

FEEDER PIGS 37. US NO. 1-3 20-35 LBS. 18.50-32.50 PER HEAD, NO. 1-3 35-50 LBS. 36.50-48.50 PER HEAD.

SHEEP 52. CHOICE 52.50-56.25; GOOD 48.50-51.50; SLAUGHTER EWES 12.50-28.50.

GOATS: 18.50-62.50 PER HEAD.

4 LOADS TIMOTHY HAY 25.00-48.00.

2 LOADS ALFALFA HAY 140.00.

2 LOADS STRAW 42.00-51.00.

Grantsville Livestock

Grantsville, Maryland
Sat., Aug. 4, 1990

HOGS: TOP BARROWS & GILTS 57.90-59.45; HEAVY BUTCHER 56.00-58.00; LIGHT BUTCHER 50.00-58.00; BUTCHER SOWS 40.00-48.75; FEEDER SHOATS 32.00-49.00.

VEAL: GOOD 90.00-1.20; STANDARD 80.00-90.00; BULL CALVES 1.00-1.57.50

SHEEP & LAMBS: GOOD 50.50-52.50; UTILITY 47.50-49.50; UTILITY 44.00-45.00; SLAUGHTER EWES 12.00-17.00.

SLAUGHTER CATTLE: STEERS: GOOD NONE AVAIL.; STANDARD 65.75-71.00; UTILITY 61.00-64.25; HEIFERS GOOD, STANDARD AND UTILITY NONE AVAILABLE.

COWS: COMMERCIAL 51.25-59.75; UTILITY 44.50-50.50; CANNER AND CUTTER 39.50-44.00.

BULLS: COMMERCIAL & GOOD 59.25-63.75; CUTTER & UTILITY 56.25-58.50.

STOCK-FEEDER CATTLE: GOOD 64.00-75.00.

STEER CALVES: GOOD 76.00-92.00; MEDIUM 64.00-70.00.

WHEAT
Tyler-Agri 876
Cardinal - Twain
Early Agri 863 Bearded

SMALL GRAINS
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- Fewer Lamp Changes
- Lower Maintenance Cost
- Durable Polycarbonate Housing
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- 10,000+ Hour Lamp Life
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- Made in USA

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MODEL	WATTS	INCANDESCENT EQUIVALENT	INITIAL LUMENS	RATED AVG. LAMP BALLAST LIFE	DIMENSIONS D	W	H
3000	5	25 WATTS	250	10 000/45 000 HRS	2 5/8	1 5/8	4 3/4
3200	7	40 WATTS	400	10 000/45 000 HRS	2 5/8	1 5/8	5 7/8
3500	9	60 WATTS	600	10 000/45 000 HRS	2 5/8	1 5/8	7 1/8
3700	13	75 WATTS	900	10 000/45,000 HRS	2 5/8	1 15/16	7 3/4

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MONTH	FEED PROGRAM	BODY WT.
1	MILK REPLACER CALF STARTENA	150
2	CALF STARTENA	200
3-6	KEYSTONE CALF GROWER HAY	400
7-24	D&H CONCENTRATE GRAIN & FORAGE	1250 (After Calving)

PURINA RESEARCH PROVIDES:

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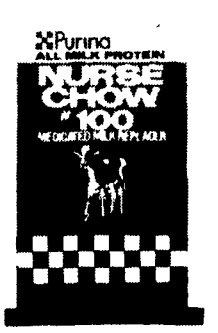

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Mercer Livestock

Mercer, PA

August 7, 1990

CATTLE 171...PDA...Compared with last Tuesday's market: Slaughter steers steady; Cows .50 to 1.00 lower. Choice sl. steers 73.00-77.50, few High Choice 77.25-78.25, Select 67.50-72.00; Select & low Choice Holsteins 66.00-69.00, Standard 64.00-67, few Utility 60.00-62.00. Choice sl. heifers 68.50-73.75, Select 65.50-69.00, few Utility 51.00-57.00. Breaking Utility & Commercial sl. cows 49.50-54.25, one 57.85, Cutter & Boning Utility 48.00-53.80, Canner & low Cutter 40.00-48.25, Shells down to 21.00. Couple Choice sl. bullocks 67.00&69.00, one Select 65.75. Yield Grade No. 1, 1100/1855 lbs. sl. bulls 59.50-65.25, No. 2, 900/1200 lbs. 54.00-57.50. Feeder Cattle: Medium Frame No. 1, 750/980 lbs. steers 70.00-73.00, Large #1, 600/750 lbs. 75.00-80.00, Large #2, 650/900 66.00-69.00. Lot Medium Frame No. 1, 811 lbs. heifer 65.00.

CALVES 94...Few Good vealers 84.00-90.00, Standard and Good 90/120 lbs. 69.00-80.00, 60/85 lbs. 65.00-72.00, few Utility 40/70 lbs. 31.00-55.00. Farm Calves: No. 1, Holstein Bulls 90/130 lbs. 135.00-185.00, No. 2, 100.00-130.00; Hol. Heifers 90/120 lbs. 140.00-190.00. Few Beef cross 80/115 lbs. bulls and heifers 100.00-155.00.

HOGS 138...Barrows and gilts 1.50 to 2.00 lower. US No. 1-2 230/250 lbs. 61.00-61.75, 1-3 212/267 lbs. 59.60-61.10, lot 2-3 239 lbs. 59.25, few 355/400 ls. 50.00-52.50, 1-3 200/208 lbs. 56.25-58.00. US No. 1-3 325/480 lbs. sows 50.00-53.00. Few Boars 30.00-45.00.

FEEDER PIGS 1...US No. 1-3 75 lbs. feeder pigs 72.00 --- all per head.

SHEEP 4...One Choice 85 lbs. spring slaughter lamb 57.00. Few Slaughter sheep 8.00-17.00 - all cwt.

GOATS 6...Small 10.00-16.00 --- all per head.

Lebanon Valley Livestock

Fredericksburg, PA

August 7, 1990

CATTLE 140...PDA...Compared with last weeks market: Slaughter cows mostly steady to .50 higher. Choice 1110/1260 lbs. sl. steers 73.00-76.25, few Select 67.00-71.25; Choice Holsteins 67.75-73.75, couple Select 64.25&65.75, one Standard 61.00. Few Select sl. heifers 64.25-68.00, couple Standard 55.75&60.75. Breaking Utility & Commercial sl. cows 53.75-55.75, Cutter & Boning Utility 47.50-53.50, few Canner & Low Cutter 46.00-47.00, Shells down to 32.00. One Select sl. bullock 64.00. Couple Yield Grade No. 1, 1435/1950 lbs. sl. bulls 62.75&68.00.

CALVES 259...Few Good vealers 76.00-89.00, Standard & Good 70/100 lbs. 69.00-72.00, Utility 45/70 lbs. 50.00-69.00. Farm Calves: Hol. Bulls No. 1, 95/115 lbs. 137.00-167.00, 80/90 lbs. 125.00-137.00, No. 2, 75/115 lbs. 76.00-125.00; Hol. Heifers 85/120 lbs. 105.00-200.00, few 80 lbs. 72.00. Beef cross 85/150 lbs. bulls and heifers 76.00-159.00.

HOGS 107...Barrows and gilts mostly steady to 1.50 lower. US No. 1-3 235/255 lbs. 57.75-58.50, 1-3 173/205 lbs. 53.00-54.00, lot 63.00. Sows steady 2.00 higher. US No. 1-3 300/585 lbs. sows 48.00-51.50, one Medium 330 lbs. 45.00. Boars 44.00-47.00.

FEEDER PIGS 17...US No. 1-3 50/70 lbs. feeder pigs 69.00-86.00 - all per hundredweight.

SHEEP 1...One Choice 80 lbs. slaughter lamb 62.00 - all cwt.

GOATS 2...Medium billy 56.00 --- all per head.

Valley Livestock

Athens, Pa.

Monday, Aug. 6, 1990

Report supplied by auction

HOLSTEIN HEIFER CALVES TO 202.50.

VEAL CALVES COMMON TO 91.00.

VEALER BULL CALVES TO 165.00.

SLAUGHTER CALVES 80.00 AND DOWN.

GRASSERS & FEEDERS 50.00-98.00.

LAMBS 50.00-60.00.

SHEEP 14.00-28.00.

HOGS 200 TO 250 LBS. 53.00-57.50.

SOWS 38.00-45.00.

BOARS TO 45.00.

PIGS TO 38.00.

MEDIUM HEIFERS 50.00-57.00.

MEDIUM STEERS TO 62.00.

FEEDER STEERS 50.00-78.00.

BULLS 52.00-66.00.

COWS GOOD 50.00-56.50.

COWS MEDIUM 46.00-49.00.

COWS POOR OR SMALL 48.00 AND DOWN.

CATTLE MARKET STEADY.

CALF MARKET STEADY.

HORSES SMALL TO 340.00.

PONIES TO 170.00.

GOATS TO 100.00.

GOOD HOLSTEIN HEIFER CALVES AND WHITE FACE CALVES HIGHER.

North Jersey Market

Hackettstown, N.J.

Tuesday, Aug. 7, 1990

Hay—Straw & Grain Report

GRASS HAY: 1 LOAD AT 1.40 BALE.

PARADISE CONCRETE METERED DELIVERY!

You can't over or under order! Guaranteed Savings! Call us for Prices. Variable Pricing!

DELIVERY ANYTIME!

Dedicated To The Farm Community

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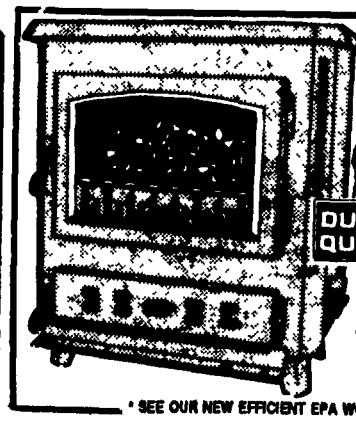

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* SEE OUR NEW EFFICIENT EPA WOOD STOVES

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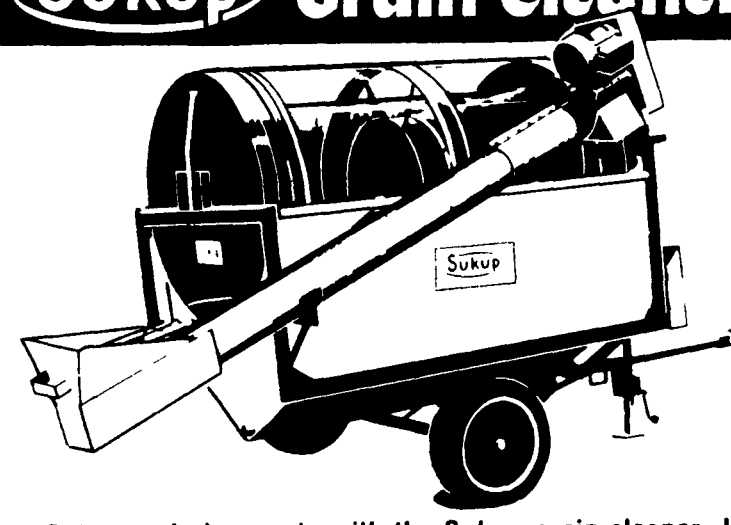

Cut your drying costs with the Sukup grain cleaner. It removes both large trash as well as fines. Increases airflow through grain to speed drying. Handles 8" auger capacity.

Machines On Display At
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The Corn Silage Additive Test

(Check Correct Answer)

☐ True ☐ False... **You can normally make "good" corn silage without the use of an additive.**

(Answer: True) Farmers have been making good corn silage for hundreds of years, long before the development of "silage additives."

☐ True ☐ False... **Corn forage is one of the easiest crops to ensile.**

(Answer: True) When harvested under "normal" conditions, corn forage ferments rapidly; sugars are converted to acids by bacteria and the end result is a highly-fermented, stable feedstuff.

☐ True ☐ False... **You don't need to add a silage additive to your corn silage.**

(Answer: False) With **any** silage fermentation, losses occur. Even under **ideal** conditions, many universities have reported losses in making corn silage.

☐ True ☐ False... **SILO GUARD II can help you make "better" corn silage.**

(Answer: True)

☒ True — **Silo Guard II** reduces ensiling losses
☒ True — **Silo Guard II** speeds bacterial acid production
☒ True — **Silo Guard II** reduces ensiling temperatures
☒ True — **Silo Guard II** prolongs the bunk life of silage
☒ True — **Silo Guard II** makes good silage better

If you're not concerned about improving the quality of your corn silage this year — don't buy a silage additive.

If you want to **improve** your corn silage quality this year, use **SILO GUARD II**

Silo Guard
An Aid to Fermentation

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1-800-847-1691 (outside NYS)

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High moisture corn and haylage fills higher, unloads easier and makes better feed when you use an Easy-Up Silage Distributor

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Estimated Daily Livestock Slaughter

Under Federal Inspection

Aug. 8, 1990

	CATTLE	CALVES	HOGS	*SHEEP*
WED., 08/08/90 (EST)	126,000	6,000	290,000	19,000
WEEK AGO (EST)	122,000	6,000	299,000	21,000
YEAR AGO (ACT)	126,000	9,000	314,000	22,000
WEEK TO DATE (EST)	365,000	20,000	804,000	55,000
SAME PD LT WK (EST)	369,000	19,000	829,000	57,000
SAME PD LT YR (ACT)	368,000	27,000	910,000	61,000

Eighty-Four Livestock

Eighty-Four, PA

August 6, 1990

CATTLE 252 PDA Compared with last Monday's market Slaughter cows 1 50 to 2 00 lower Select slaughter steers 67.00-70.00, few Standard 63 50-66.00. Few Choice sl. heifers 69.50-71 00, few Select 66 00-68 50, Utility 52 00-59 00. Breaking Utility & Commercial sl. cows 49.50-54.50, few high yielding 56.00, Cutter & Boning Utility 47.50-52.50, Canner & Low Cutter 40.00-48.00, Shells down to 22.00. Couple Choice sl. bullocks 69 00&71.00, few Select 65.00-68.00. Yield Grade No. 1, 1100/1860 lbs. sl. bulls 62.00-71.00, No. 2, 1000/1400 lbs. 56.50-62.50. Feeder Cattle: Medium & Large Frame No 1, 235/315 lbs. steers 92.00-135.00, 450/600 lbs 80 00-93.00, lot Medium #2, 500 lbs. 79.50, lot Large #2, 680 lbs. Holsteins 76.00. Medium Frame No.1, 270/500 lbs. heifers 80.00-95.00, lot Medium #2, 400 lbs 73.50, lot Large #2, 477 lbs. Holsteins 79.50. Medium & Large Frame No. 1, 300/500 lbs. bulls 80.00-95.00.

CALVES 206 . Choice vealers 105.00-122.00, Good 89.00-102 00, Standard & Good 90/120 lbs 72.00-81 00, 60/85 lbs. 61.00-76 00, few Utility 50/65 lbs. 40.00-50.00. Farm Calves: Hol. Bulls #1, 90/130 lbs. 120.00-170 00, No. 2, 80.00-110.00; Hol. Heifers 90/120 lbs. 130.00-165.00. Beef cross 80/115 lbs. 95.00-155.00.

HOGS 136 Barrows and gilts 1 00 to 1.50 lower US No. 1-3 220/250 lbs. 56 50-57.25, 2-3 210/240 lbs. 55 00-56 00, lot 2-4 220 lbs 54.00, lot 1-3 198 lbs. 54 25 US No 2-3 350/620 lbs. sows 47 00-49 00, 2-3 325/650 lbs 45 00-47.00 Boars 49.00-56.00.

FEEDER PIGS 10...Few US No. 1-3 27/37 lbs. feeder pigs 28.00-44.00, couple 70 lbs. 53.00 --- per head.

SHEEP 231...Spring slaughter lambs slow, 8.00 to 10.00 lower. High Choice & Prime 75/95 lbs. sl. lambs 44 00-49.00, 110/120 lbs. 40 00-42.00, Choice 75/100 lbs. 35.00-42.00; Good & Choice 50/75 lbs. feeder lambs 40.00-46.00 - all cwt Slaughter sheep 10.00-18.00.

GOATS 23...Medium 40.00-45 00, Small 24 00-32.00 --- all per head.

New Holland Dairy

New Holland Sales Stables

Wednesday, Aug. 8, 1990

Report supplied by auction

REPORTED RECEIPTS OF 126 COWS, 248 HEIFERS, AND 16 BULLS. MARKET STRONGER ON HEIFERS AND COWS.

WISCONSIN FRESH COWS 1400.00-1975.00.

PA FRESH COWS: 900.00-1500.00, SPRINGERS 1025 00-1350.00.

CANADA FRESH COWS: 935.00-1375.00, SPRINGERS 1100.00-1300.00.

HERD OF 24 HEAD, ALL STAGE COWS: 750.00-1500.00.

LOCAL SPRINGING HEIFERS: 925.00-1550.00.

PUREBREDS: 975.00-1375.00.

SHORTBREDS: 770.00-1250.00.

OPEN BREEDING AGE: 585.00-800.00.

BULLS: 630.00-925.00.

VACCINATED HEIFERS BRING A PREMIUM.

LOCAL COWS: 775.00-1750.00.

ABS AMERICAN BREEDERS SERVICE

Committed to earning your business

29H4556 ROY

6% CE @ 374 Calvings
+175 Protein Dollars
+1681 Milk
+1.25 PTA Type
Chairman x Chief
Stud Sampled
77% REL (USDA)

$8.00 Per Unit

7-90 USDA/HA

1-800-ABS-STUD

Lebanon Valley National Bank Ag Group would like to say thank-you to all 300 farmers that attended our 5th Annual Picnic held recently at the Green Dragon.

We would like to be of service to everyone for their banking needs.

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- 7000 Planters
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- F350 Hydraulic Reset Plows
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- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
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- Grain Platform
- Combine Corn Head

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TRACTORS:

JD 4055 MFWD w/15 Speed, PS, SG, Almost New SOLD
JD 2040 Diesel $6,950
NH L325 Skid Loader, 411 Hrs.,nice 6,850
JD 2640, R&P, Dual Remote $10,500
JD 2640 With Hi-Lo, SOLD $13,500
Bobcat #722 Steer Skid Loader
IH #244 4 Wheel Drive w/AG Tech Loader, Power Steering, Like New, Less Than 100 Hrs.
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp $26,600
JD 4440 Quad Range, Sound Guard, Sharp $27,500
JD 4240 PS, Sound Guard $27,500
Case 1816 Skid Steer Loader $2,450
IH 300 w/Plow $1,950
Oliver 70 ..... $850
IH 544 Hydro w/2000 Loader $6,950

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
(2) JD 443 Corn Heads ..... ea. $4,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice $21,750
JD #444 Corn Head $3,650
JD 653 6 Row 30" Bean Head $4,450
JD 6600 LL Hydro Combine Chopper, Nice $18,500

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
MC 7' Rotary Scythe $1,450
JD 24T Baler w/Ejector $1,450
NH 1010 Bale Wagon $4,350
JD 18A Chopper $1,350
JD 27 6 Row Stalk Shredder $2,950
NH 707 3 Pt. Harvester w/Both Heads, Nice $1,075
NH 268 Baler w/Ejector
JD 1209 Mower Conditioner $3,650
JD 24T Baler w/#30 Ejector $2,850
NH #499 12' Hydraulic Haybine $7,350
JD 336 Baler w/#30 Ejector $5,850
Grove Forage Wagon w/Roof $950

PLANTERS & GRAIN DRILLS:

JD 8300 21x7 DD Drill $4,200
JD 8350 23x7 Drill w/Grass And Gang Press Attach., Nice $5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice $8,750
JD 7200 4 Row Planter, Sharp $9,500
(2) ea. JD 8000 18x7 Drills w/Tandem Hitch, DD w/Grass ..... Both For $7,950
JD 24B 2 Row Planter Unit $750
JD Model B 17x7 Plain Grain Drill, Sgl. Disc w/Grass SOLD $1,750
JD 8300 18x7 Drill w/Grass $3,950

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020 ..... $1,550
JD RM 4 Row Cultivator $1,275
JD RM 6 Row Cultivator $1,650
JD RM 4 Row Narrow Cultivator $1,275
JD 20' Rotary Hoe, Like New $2,350
IH 4 Row 3 Pt. Cultivator $350

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow $3,950
JD F350 5-16" Hyd. Reset Plow $2,350
JD 1450 6-16" Semi-Mtd. Plow $2,250
Brillion 9 Tooth V Ripper $2,650
JD 4-16" F325 Auto Reset Plow $1,250
JD 2500 7x18" On-Land Plow $5,400
JD 1B Roll-Over Plow $1,250
IH 7 Tooth 3 Pt. Chisel $1,275
IH 9 Tooth Pull Type Chisel $1,850
JD 1450 4x16 Semi-Mtd. Plow $2,250
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 2500 4x18" Auto Reset Plow $3,950
JD 2700 4x18" Auto Reset Plow $5,850
JD 2600 5x18" Auto Reset Plow $6,450
JD 7 Tooth Chisel Plow w/3 Pt. $950
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 1600 17 Tooth Hydraulic Fold Chisel w/Walking Tandem $4,350
JD 2500 5x18" Auto Reset Plow $3,950

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc $3,250
Kewanee 12' Rock Flex Disc $2,450
Kewanee 800 Rock Flex Plowing Disc 12' $2,950
Brady 18' Folding Field Cultivator $2,150
JD KBA 32 Wheel Carrier Disc $650
IH #45 18' Vibra Shank w/Harrow $950
JD 12' Field Cultivator w/Harrow $1,450
JD 210 14' Black Gang Disc $3,850
JD #210 15' Black Gang Disc $2,450
IH 9' Whl. Carrier Disc Harrow $850
JD 310 Plowing Disc w/Mid-West Buster Bar $4,500
JD 215 12' SOLD Cushion Gang, Nice

CULTIPACKERS

Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' Packer, Big Shaft $1,150
JD 10' Packer $1,050
(1) (2) Each Brillion 12' Packers w/Transport ..... each $1,250
Brillion 12' w/Big Shaft $1,250
Brillion 14' Transport Packer $1,850
Brillion 12' Packer w/Transport $1,850
1 Set Brillion 4' Packer Pups $650
Pittsburgh 11½ ' Cultipacker $850

MISCELLANEOUS:

Bobcat 909 backhoe $5,750
NH 352 Grinder-Mixer $2,450
JD 37 Loader, All Hydraulics For Utility $1,850
Donahure Implement Trailer $1,850
MGS 16' Goosenecк Beaver Tail Equip. Trailer, 16,000 GVW $3,250
JD 45 Loader for 2 Cylinder Tractor $750
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Ag Teck Pre-Seed $3,250
JD 145 Loader For Utility $2,450

ROLLER HARROWS AND CULTIMULCHERS

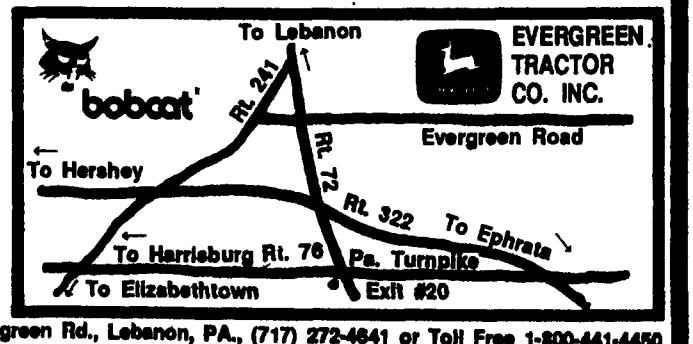
JD F950 15' Roller Harrow, Nice $3,650
IH #315 12' Roller Harrow $2,850
Brillion 15' Cultimulcher $3,250
Brillion 15' Roller Harrow $3,850
Brillion 15' New Style Stretch Frame Roller Harrow, Nice $3,950
Brillion 14' Roller Harrow $2,650
Brillion 10' Cultimulcher $2,650

GRAIN DRYERS:

New Farm Fans ABS Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

Coming In...

JD 300 Corn Picker w/2 Row Wide Head
JD 12' Chisel w/Walking Tandems
JD 38 Harvester w/1000 PTO
NI 325 2 Row Harrow w/12 Roll Bed
JD 643 Corn Head, High Tin for Side Hill Combine
JD 13' Quick Tach Rigid Grain Head
JD 4420 Combine, Leaded, Nice

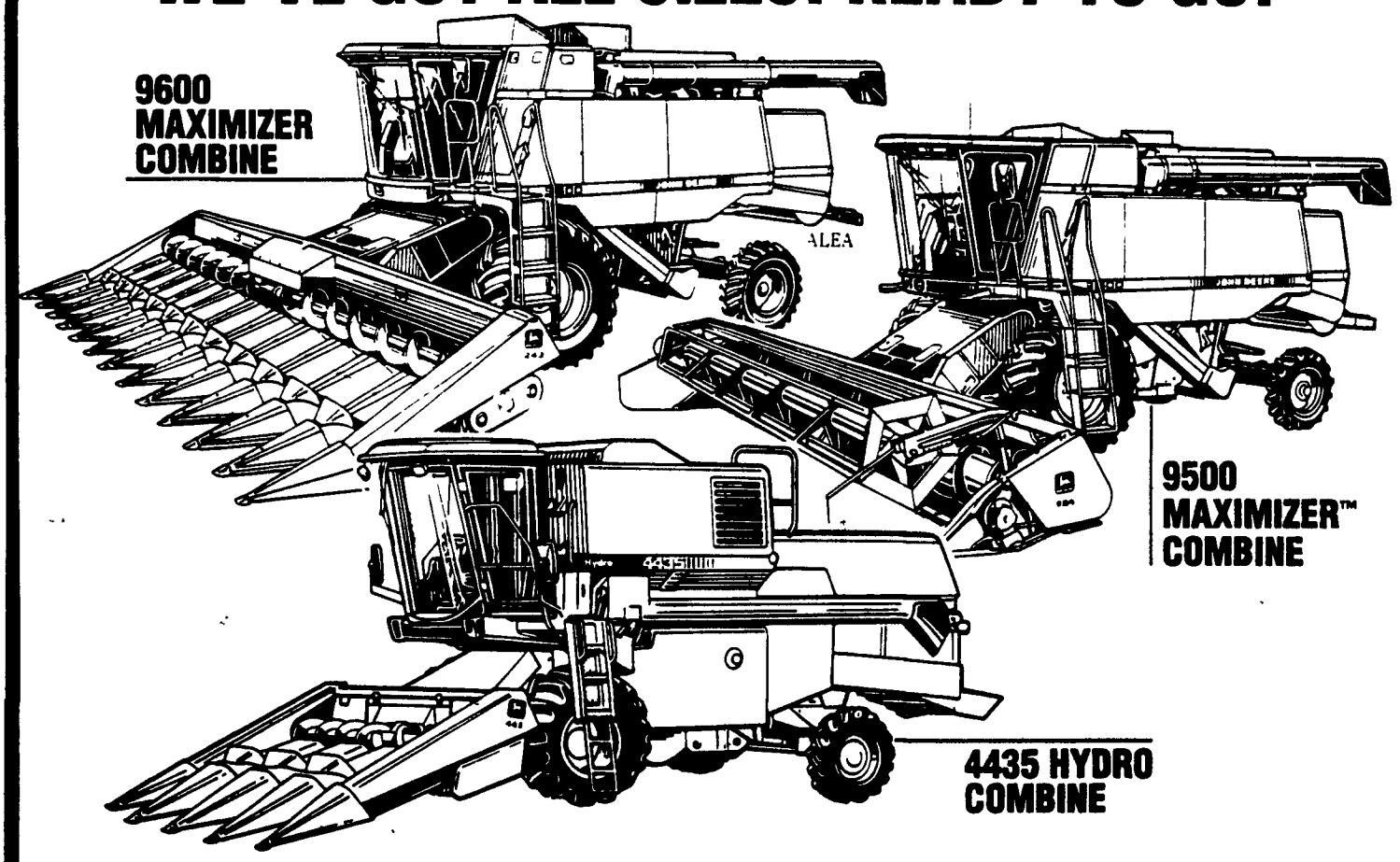


30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Lehigh Ag Equipment Salutes Ag Progress Days And Our Farming Communities As They Enter The 21st Century... Leading The Way In Environmental Protection Thru Soil Conservation, Research And Recycling For A Better TOMORROW!

JOHN DEERE

IF IT'S ABOUT COMBINES, WE'VE GOT ALL SIZES. READY TO GO.



- Stop in at Combine Headquarters for the best selection with the best features
- Maximizer combines: 167- to 253-hp, latest technology, traditional quality
- New 4435 Hydro four-row Combine—deluxe features at an economy price
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- Backed by the most complete and responsive service capability anywhere
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Hours: Monday Thru Friday, 7:30 to 5:30; Saturday 7:30 to 3:00

Grain Binder Runs Again After 40-Year Retirement

HEMPSTEAD, MD — Some 60 persons, collectors of vintage J I CASE Farm Machinery, their families, and friends gathered at the Wessel farm in Hampstead recently to cut wheat the old way, with a 1930 J I Case grain binder pulled by a 1925 Case tractor. The purpose of the reenactment of the way farmers harvested their grain in years gone by was to provide sheaves or bundles of wheat to be threshed by equally vintage threshing machines at the 6th annual reunion of the J I CASE COLLECTORS ASSN. at the CARROLL COUNTY FARM MUSEUM at Wesminster, MD on August 18-19, 1990. After being cut and tied by the binder the bundles were loaded on wagons and will be brought to the Farm Museum. Several threshing machines from the 20's to the 40's will be used and will be powered by steam engines from the teens and gas tractors from the 20's and 30's. Many other demonstrations will also take place, such as straw baling, corn chopping, feed grinding, lumber sawing, and shingle making all with vintage Case equipment. The public is invited to attend the affair. Admission is free.

The 60 year old grain binder used to cut the wheat was bought by Herb Wessel at a farm sale several years ago. While it had not been used for about 40 years the binder had generous amounts of grease on its vital parts which preserved them from deterioration. Some new and used parts were obtained from an Amish farm equipment dealer near New Holland, to put the machine in shape for the wheat cutting day.

Chief engineer of the day was Mr. Raymond Young of Westminster who advised on the proper adjustment and operation of the binder. Mr. Young, in his 89 years, has seen the mechanization of the wheat harvest evolve from cutting the grain with "cradle," to the reaper, the binder, and now the modern combine. About the time he was born much of the grain was harvested the same way it had been for thousands of years with simple hand tools. Then the reaper was invented to cut the wheat, then the binder to cut the wheat and tie it in bundles. At first the wheat was threshed by a man with a "flail" or by oxen tramping on the grain. Then a simple machine cranked by a man. Then for more capacity a larger machine powered by horses turning a turnstile called a "sweep." Mr. Young has operated a sweep to thresh wheat. Then came the steam engines and gas tractors to provide the power until today's huge combines that one man can use to cut and thresh about 40 acres of grain in a day. Mr. Young has seen them all and has personally operated them all.

A 60-year-old grain binder runs again to show how it was done.

The JICCA is an organization of collectors of items made by the J I Case Company from the middle 1800's to the 1960's. They have members in 48 states and several foreign countries. The reunion being held at the Carroll County Farm Museum is being hosted by collectors from MD, PA, VA, and DE. There will be displays of farm equipment, steam engines, tractors, and cars (yes, Case made cars too). There will also be models of these machines, some of which will be to exact scale and will be operating. Some of the machines will be restored to like new condition, but many more will be in their "work clothes" and all will be in operating condition. Anyone who has anything Case is invited to bring it to the show. You do not have to be a member of JICCA to exhibit or attend.

The JICCA has no connection with the modern Case-IH company which makes all kinds of farm machinery, however Case-IH dealers have been invited to display some of their modern farm machinery to show the full evolution of the mechanization of farming. This will be the first time the Case collectors will meet at an all Case, only Case show and the first time in the East. Last year's event was held in North Dakota and next year it will be held in Minnesota.

Flexi-Bale Carries More Per Hour

QUEBEC, Canada — The greatest advantage of the Flexi-bale is its total length.

Everyone would like to carry dozen of bales per trip, but do not realize that it is heavy and long, thus reducing the result of work done per hour.

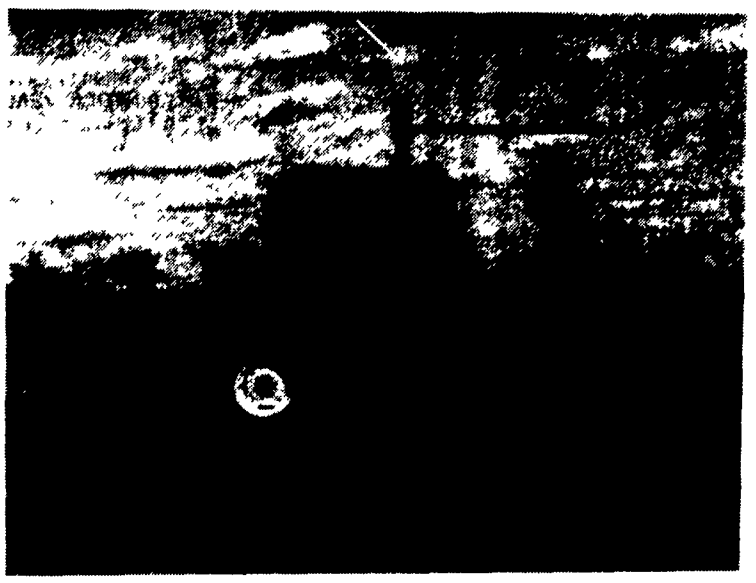
With the Flexi-bale, up to two miles away from the farm, you will do better alone than any other way hauling round bales.

The end result is the number of bales carried per hour and the cost of it. Flexi-bale has done better and faster than usual ways.

One man working alone can load and stack big round bales vertically or horizontally (in line) with the new Flexi-bale.

Flexi-bale is equipped with a hydraulically-operated push arm that moves each bale 5 ft. toward the rear as it's loaded onto the platform. Bales are pushed back "on the go" while the operator drives from one bale to the next.

With bales close at hand, one man can load four bales in 60 seconds, and unload them in 10 seconds.



With hay bales being stacked in-line on the ground, the loader can carry four bales. The operator can transport six bales to headquarters per trip (four on the loader, one in the cradle, and one on the front of the tractor). For stacking bales vertically, the loader can carry five bales per trip — three on the loader (three bales high is the limit for vertical stacking), one on the cradle, and one on the front of the tractor. Single bales carried to headquarters on the cradle and tractor are dropped off, then picked up three or four at a time with the Flexi-bale for vertical or horizontal stacking.

FmHA Exhibit At Ag Progress

Farmers Home Administration (FmHA) will have an exhibit at the 22nd annual Ag Progress Days, sponsored by Penn State's College of Agriculture, on August 14, 15 and 16, 1990.

Farmers Home Administration's exhibit will be part of more than $20 million worth of agricultural machinery, equipment and supplies, much of which will be demonstrated during the three-day event.

FmHA will display an exhibit featuring all of its rural credit programs. There will be agency personnel available at the booth to answer any questions you may have on funding, loan eligibility criteria, or any other issues.

The theme of Ag Progress Days 1990 is "Food and Environmental Quality: Preparing for the 21st Century." In addition to the approximately 250 commercial exhibitors at the event, faculty and staff from Penn State's College of Agriculture have prepared exhibits and activities designed to show how agricultural research and education programs are addressing our most pressing national issues.

Free bus tours of Penn State's agricultural research areas, where new crop varieties and cultural practices are tested, will also be featured. The "special topics" research tours will be back, too. This year's special topics will include fruit and vegetable production on Tuesday, water quality on Wednesday and disease control on agronomic crops on Thursday. The special topics tours begin at 10 a.m. and 1:45 p.m. each day, while the general research tours run continuously throughout the day.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held annually at the Russell E. Larson Agricultural Research Center at Rock Springs, nine miles southwest of State College on Route 45. Hours are 9 a.m. to 5 p.m. Tuesday and Thursday, with extended hours of 9 a.m. to 8 p.m. on Wednesday. Admission and parking are free.

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update Service phone (717) 691-7609

(Closing bids: Thursday, Aug. 9)

	CLOSE	MOVING AVERAGES 4-DAY	9-DAY	18-DAY	RSI'S 9 DAY	14 DAY	STOCHASTIC K	D
SEP WHEAT	2.90 1/4	2.84 1/2	2.85	2.94	44	37	62	37
DEC WHEAT	3.06	3.00 1/4	3.01 1/4	3.10 1/4	43	36	63	37
KC SEP WHT	2.87 3/4	2.80 1/2	2.81 7/8	2.90 3/8	46	37	72	43
KC DEC WHT	3.01 3/4	2.95 3/8	2.96 5/8	3.05 1/3	43	35	71	42
SEP CORN	2.50 1/4	2.52 5/8	2.54 3/8	2.58 1/8	29	31	45	41
DEC CORN	2.45 3/4	2.47 3/4	2.49 1/4	2.53 1/8	29	31	43	38
JUL91 CRN	2.65 1/4	2.66 3/8	2.67	2.69 1/4	34	36	59	47
SEP BNS	6.04	6.00 3/4	5.95 2/3	5.95 1/2	55	50	94	89
NOV BNS	6.13 1/2	6.09 5/8	6.04 2/3	6.06 1/8	55	50	93	85
JUL91 BNS	6.46 3/4	6.43 1/2	6.38 5/8	6.41	53	49	91	84
SEP MEAL	175.30	173.88	171.28	172.44	57	51	93	91
SEP OIL	24.39	24.21	24.26	23.89	61	57	70	53
OCT CTTL	78.67	78.16	78.16	77.87	64	63	86	62
DEC CTTL	77.12	76.84	76.98	76.87	57	58	75	52
SEP FDRS	88.30	88.00	87.88	87.17	68	71	80	60
OCT HOGS	49.10	50.31	51.98	52.51	26	33	4	9
DEC HOGS	49.47	50.61	51.72	51.71	31	36	7	12
FEB BELS	53.97	55.88	55.76	54.54	45	46	38	51

CORN

	HIGH	LOW	LAST	CHG
SEP	2522	2500	2502*	-20
DEC	2474	2454	2456*	-10
MAR	2554	2542	2544*	-4
MAY	2622	2612	2614*	-6
JLY	2662	2650	2652*	-10
SEP	2630	2600	2600*	0
DEC	2612	2590	2590*	-12

OATS

SEP	1200	1164	1194*	+22
DEC	1306	1274	1304*	+30
MAR	1416	1386	1412*	+26

SOYBEANS

AUG	5992	5940	5982*	+50
SEP	6050	5984	6040*	+50
NOV	6144	6070	6134*	+62
JAN	6242	6170	6224*	+46
MAR	6350	6290	6340*	+50
MAY	6414	6364	6412*	+46
JLY	6480	6414	6466*	+60

LIVE CATTLE

	HIGH	LOW	LAST	CHG
AUG	7910	7812	7877*	+77
OCT	7907	7860	7867*	+15
DEC	7755	7707	7712*	-8
FEB	7692	7650	7652*	-28
APR	7735	7695	7700*	-32
JUN	7500	7465	7485*	-15

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
SEP	2924	2854	2902*	+56
DEC	3074	3014	3060*	+54
MAR	3154	3094	3144*	+54
MAY	3160	3120	3150*	+50
JLY	3160	3130	3154*	+54

K.C. SORGHUM

SEP				
DEC	2260	2224	2224*	-10
MAR				
MAY				
JLY				

SOYBEAN MEAL

AUG	1740	1726	1739*	+10
SEP	1755	1737	1753*	+15
OCT	1768	1748	1765*	+16
DEC	1797	1767	1793*	+24
JAN	1805	1784	1805*	+21
MAR	1830	1808	1830*	+22
MAY	1840	1835	1837*	+21

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
AUG	9010	8975	8985*	-10
SEP	8885	8825	8830*	-17
OCT	8780	8730	8732*	-20
NOV	8760	8700	8702*	-18
JAN	8675	8647	8652*	-18
MAR	8520	8500	8500*	0

K.C. WHEAT

	HIGH	LOW	LAST	CHG
SEP	2884	2824	2876*	+70
DEC	3024	2970	3016*	+54
MAR	3142	3094	3140*	+54
MAY	3196	3144	3180*	+44
JLY	3204	3170	3200*	+44

MINN WHEAT

SEP	2914	2860	2896*	+46
DEC	3024	2950	3002*	+60
MAR	3130	3066	3120*	+70
MAY	3200	3180	3200*	+90
JLY			3040	

SOYBEAN OIL

AUG	2458	2426	2456*	+27
SEP	2440	2417	2439*	+24
OCT	2444	2418	2442*	+26
DEC	2450	2420	2448*	+28
JAN	2460	2430	2460*	+35
MAR	2470	2445	2467*	+31
MAY	2478	2445	2478*	+33

LIVE HOGS

	HIGH	LOW	LAST	CHG
AUG	5660	5602	5635*	-22
OCT	4970	4900	4910*	-37
DEC	5007	4935	4947*	-48
FEB	4847	4760	4807*	-25
APR	4465	4405	4415*	-35
JUN	4900	4825	4850*	-20

Phila. Vegetables

August 8, 1990

MOSTLY CLOUDY 69-84.

ARTICHOKES CA ctn 24s 12.00-14.00 36s 12.00-14.00 mos 14.00 48s 14.00.

ASPARAGUS CA 12-lb ctn bchd 12s lge & std few 25.00-26.00 MEXICO 12-lb crt bchd 12s lge 25.00 std 25.00-26.00.

BEANS ABOUT STEADY various bu containers Round Green type unless otherwise stated NJ 6.00- 8.00 mos 6.00-7.00 fair appear 4.00-5.00 PA 6.00-8.00 mos 7.00 fair appear 4.00-5.00 CANADA 7.00-8.00.

BEETS ABOUT STEADY NJ crt & ctn bchd 12s few 6.00 topped bubkt med few 9.00.

BROCCOLI SLIGHTLY LOWER CA ctn bchd 14s 11.00-12.00 mos 11.00 few 10.00 18s 12.50 lse crowns 13.00-13.50 ME ctn bchd 14s 9.00-10.00 fair cond 6.00.

BRUSSEL SPROUTS CA 25-lb ctn few 20.00.

CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated NJ 4.00-5.00 few 3.00 one label 5.50-6.00 PA 4.00-5.00 NY 4.50-5.00 50-lb sks lge 4.00-5.00 mos 4.50-5.00 Red 50-lb sks 5.50-6.00 CANADA CD#1 4.50-5.00 Savoy type 7.00 Red 6.00.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 7.00-8.00 mos 7.50-8.00 CO med-lge 7-7.50 CANADA med 6.00 50-lb sacks loose jumbo CA 5.00-6.00 mos 6.00 occ hgr CO 5-5.50 AZ few 7.00 ctn bchd 24s CA 9.00-11.00 Miniature type CA ctn bchd 24s 11.50 OH ctn 20-12 oz film bags few 7.00.

CAULIFLOWER LOWER CA ctn film wrpd 9s 9-9.50 12s 9.00-10.00 mos 10.00 some 8.00 few 10.50- 11.00 16s 9-9.50.

CELERY SLIGHTLY LOWER CA ctn 1-1/2 doz 10.00 2 doz 9.00-10.00 2-1/2 doz 9.00-10.00 mos 10.00 Hearts film wrpd 18s few 10.50-11.00 MI ctn 2-2-1/2 doz 7.00.

CHINESE CABBAGE CA 50-lb ctn Nappa 13.00-15.00 occ hgr Bok Choy 12.00- 13.00 CANADA 35-lb ctn Nappa 9.00-10.00.

CORN YELLOW LOWER, WHITE ABOUT STEADY wirebound crt approx 4-1/2 doz unless otherwise stated NJ Yellow 6.00- 7.50 few 5.00 White 6.00-8.00 mos 7.00 few 5.00 preferred variety high as 9.00 fair cond 4.00 NY Yellow 6.00-7.00 PA ctn Yellow 50s few 6.00 MD White few 7.00.

CUCUMBERS SLIGHTLY LOWER 1-1/9 bucrts & ctns waxed medium unless otherwise stated NJ incl fair qual 6.00 lge 5.00 sml few 6.00 MI 6.00-7.00 NY 6.00-7.00 fair qual 4.00- 5.00 sml 5.00-6.00 PA 7.00-8.00 mos 7.00 fair qual 4.00-5.00 lge 4.00-5.00 few 6.00 sml 6.00 FL ctn Long Seedless type film wrpd 12s 9.00 few 10.00.

DAIKON CA 40-lb crt 13.00-14.00.

EGGPLANT SLIGHTLY LOWER NJ 1-1/9 buctn med 7.00 few 6.00 fair qual 4.00-5.00.

ENDIVE ABOUT STEADY NJ 1-1/9 buctn 5.00 OH 1-1/9 bucrt 6.00 CA ctn 24s 9.50 BELGIUM 10-lb ctn Witloof type 20.00-21.00.

ESCAROLE ABOUT STEADY NJ 1-1/9 buctn 5.00 OH 1-1/9 bucrt 5.00-6.00 CA ctn 24s 9.50.

GARLIC New Crop CA 30-lb ctn per lb Colossal 1.20 Super jbo 1.10 exjbo 1.00.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NJ Collards 5.00 Mustard, Turnip Tops & Rape 6.00 Kale 5-5.50 mos 5.00 PA Collards 5.00 Mustard & Turnip Tops 5.00-6.00 Kale 5-5.50 mos 5.00 Rape 6.00 CA ctn 24s Red Kale 11.00-12.00.

LEEKS ABOUT STEADY NJ crt bchd 12s few 8.00 CA ctn bchd 12s 10.50-11.00 mos 11.00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated CA 10.50-12.00 mos 11.00 few 10.00 film wprd 11.00-12.00 few low as 10.00 30s 11.00-12.00 MI few 7.00-8.00 occ 9.00 CANADA 18s CD#1 4.00-5.00 ROMAINE ABOUT STEADY CA 24s ctn 10.00-11.00 few 9-9.50 crt 13.00-14.00 mos 13.00 OH crt 24s 6.00 BIG BOSTON CA ctn 24s 7-7.50 BIBB OH 12-qt bkt 5.00-6.00 LEAF CA ctn 24s 9.50-10.50 mos 10.00 some 9.00 Red 9.50-10.00 mos 10.00 some 9.00 few 10.50 OH crt 24s few 6.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.75 mos 9.00 lge 11.00-11.50 mos 11.00 packages 10-12 oz 9-9.50 3-lb ctn Shiitake 15.00 fair qual 7.00.

OKRA GA buhmpr sml-med fair cond 15.00-18.00.

ONIONS-GREEN ABOUT STEADY ctn bchd 48s NJ 9-9.50 OH 9.00 CA 9.00-10.00 MEXICO 6.00-7.00.

PARSLEY bchd 5 doz Curly unless otherwise stated CA ctn 9.00-10.00 mos 9.50-10.00.

PEAS-GREEN SUPPLIES LIGHT CA bucrt few 17.00.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SUGAR ABOUT STEADY 10-lb ctn per lb CA .70-.80 GUATEMALA fair cond .50-.70 MEXICO poor cond -10.

PEPPERS ABOUT STEADY 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated NJ exlge few 7.00-8.00 lge 6.00-7.00 med 4.50-6.00 mos 5.00 fair qual 4.00 sml-med 4.00 Mixed Red lge 6.00-7.00 Cubanelle med 5.00-6.00 Longhot 6.00-8.00 few 5.00 5/9 bucrt Longhot 5.00 ord cond 2.00 MD lge 7.00-8.00 med 6.00 sml 5.00 Mixed Red med-lge 5.00-6.00 MEXICO Red lge fair qual 12.00-16.00 NETHERLANDS 5-kilo ctn Red lge 16.00-18.00 Orange lge 25.00.

RADISHES ABOUT STEADY ctn Red 30-6 oz film bags unless otherwise stated OH 3.25-4.00 mos 3.50 14-1 lb film bags 3.50-4.50 bchd 24s few 7.00-8.00 CA ctn bchd 24s few 8.00.

RHUBARB NO SUPPLIES.

RUTABAGAS ABOUT STEADY CANADA 50-lb ctn CD#1 Waxed med 6.00.

SPINACH ABOUT STEADY CO Savoy type bubkt Clipped 12.00 1-1/4 bucrt bchd 24s 14.00 CA ctn bchd 24s Flat type 12.00-13.00.

SQUASH SLIGHTLY HIGHER NJ 1/2 buctn Zucchini sml-med 5.00-6.00 mos 5.00 few 4.00 med 3.00-4.00 Yellow Straightneck sml-med 5.00-6.00 med 3.00-4.00 1-1/9 bucrt Acorn med 10.00 MD 1/2 buctn Zucchini sml-med 4.00 Yellow Straightneck sml-med 4.00- 5.00.

SWEET POTATOES STEADY NC 40-lb ctn Jewel type cured US#1 few 12.00.

TOMATOES ABOUT STEADY 25-lb ctn Pink to Light Red 85% or better US#1 qual unless otherwise stated NJ no grade mark wide range in qual lge 5.00-7.00 few best high as 8.00 fair cond 4.00 med 3.00-5.00 sml fair cond 2.00 MD vineripe 5x6s 7- 7.50 no grade mark few exlge Red 8.00-9.00 lge 9.00-10.00 Red 5.00 med 5.00-6.00 sml 3.00 VA 6x6s few 9.00 vineripe 5x6s 7-7.50 REPACKED LOCALLY MD 5x6s 10.00 6x6s 9.50 6x7s 9.00 PLUM TYPE NO SALES REPORTED CHERRY TYPE flats 12-1 pint trays NJ film wrpd 6.50-7.00.

TURNIPS topped PA 25-lb film bags sml-med few 5.50-6.00.

VEGETABLES-OTHER ITALY 1-lyr flat Radicchio 12s 14.50.

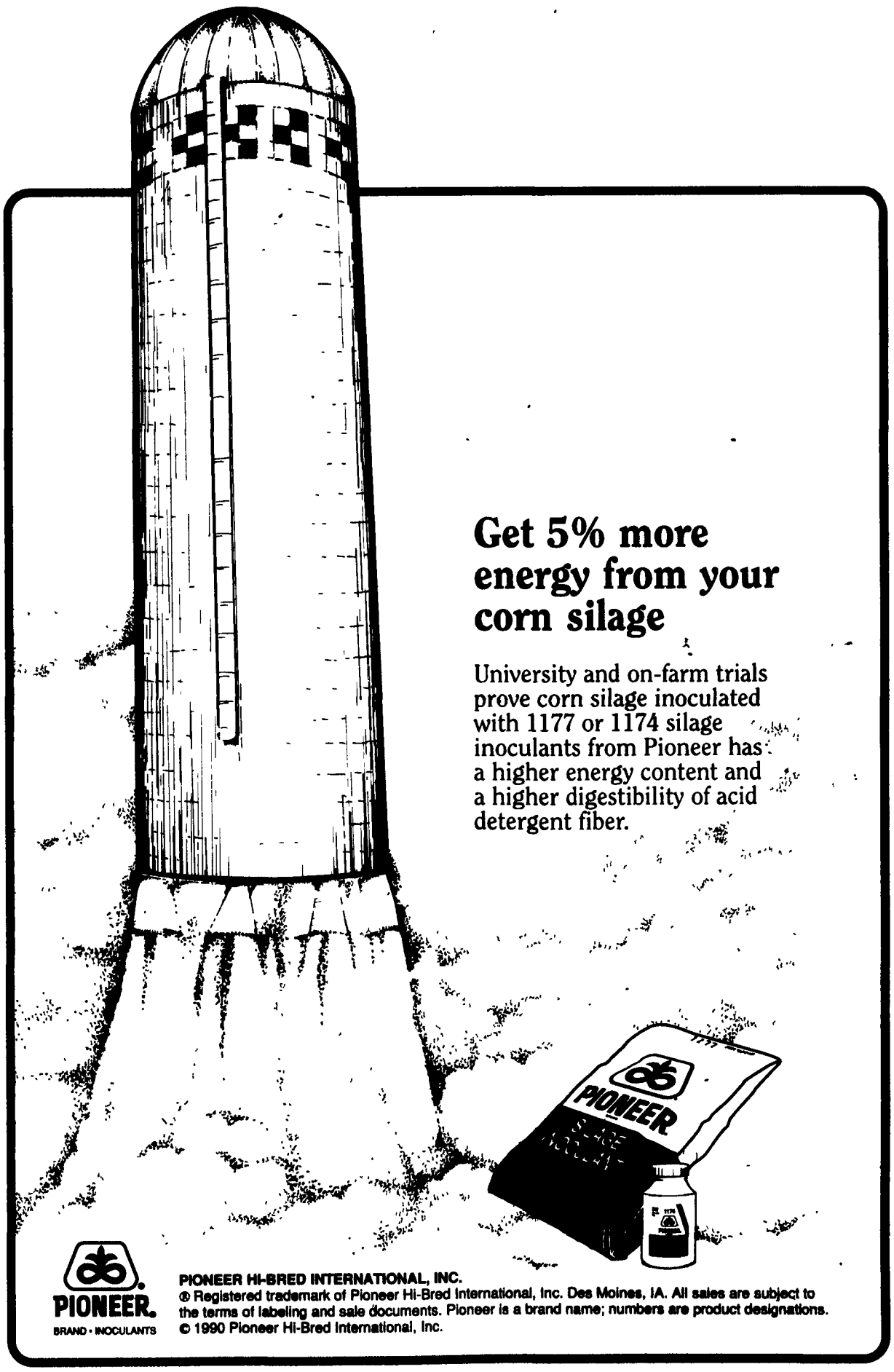
WATERCRESS WV ctn bchd 24s 9.00 few 8.75.

Laurel DE Fruit & Veg.

August 7, 1990

CORN (202) Dozen Per Dozen White .70- 1.05 CUCUMBERS (17) Baskets 2.00- 5.00 EGGPLANTS (3) Carton 3.00 PEPPERS (21) Bushel Green 5.00- 6.50 Red 7.00 SQUASH (26) Baskets Yellow Straightneck 2.00 Zucchini 3.50 TOMATOES (639) 25-lb Cartons Pink 2.00- 6.00 Red 2.00- 7.50

CANTALOUPS (8,778) Per Melon Superstar .15- .75 Premo .65 HONEYDEWS (117) Each .45 WATERMELONS (29,006) Per Melon Crimson Sweet 12-14 lb .85- 1.00 15-19 lb 1.00- 1.85 20-24 lb 1.50- 2.35 25-29 lb 2.00- 2.80 30-34 lb 3.30- 3.65 Jubilee 20-24 lb 2.10 25-29 lb 2.50 All Sweet 15-19 lb 1.50- 1.60 20-24 lb 2.00- 3.05 25-29 lb 2.80- 3.05 30-34 lb 4.05 Long Gray 20-24 lb 2.00- 2.40 Mickey Lee .45- .90 Sangria 20-24 lb 3.00 25-29 lb 3.75 Yellow Meat 15-19 lb 1.20 Seedless 12-14 lb .60- .65 15-19 lb 2.00 20-24 lb 2.35 SUGAR BABY (1,172) Each .45-1.00 PER CWT Crimson Sweet 20-24 lb 10.25-10.50 Jubilee 25-29 lb 11.25 30-34 lb 10.50 Long Gray 15-19 lb 9.25- 9.50 20-24 lb 9.75-10.25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AG-BAG CORPORATION
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Oregon 1-800 334 7432

Phila. Fruit

August 8, 1990

MOSTLY CLOUDY 69-84.

GRAPEFRUIT STEADY CA ctn Red 23s 10.00 few hgr 32s 12.00 few hgr 36s 12.00-14.00 few hgr 40s 13 00-14.00 few hgr 48s 12.00 few hgr 56s 8 00-9.00 few hgr fair qual 23s 12 00 36-40s 11.00 few hgr.

LEMONS STEADY CA ctn 140s 22.00-26.00 165s 23.00-23.50 200s 18.00-18.50 fair qual 95- 115s 20 00 140s 16.00-17.00 165s 16.00 200s 13.50 235s 11.50 ord qual 95s fair cond 12 00-13.00 115-140s 14 00-14.50 fair cond 12 00-13.00 165s 13.00-14.00 FL 4/5 buctn fair qual 95-165s 10 00-12 00 BAHAMA 4/5 buctn 75-115s 13.00 140s 12.00-14.00 165s 11.00-13.00 some 14 00 200-235s 9 00.

LIMES HIGHER 10-lb ctn Persian Seedless Type MEXICO 48-63s 4-4.50.

ORANGES STEADY CA ctn Valencia 56s 16.00-17.50 72s 14.00-15.50 88s 13.00-13 50 113s 10.50-11 50 mos 10.50-11.00 138s 10.50-11.00 fair qual 56-72s 12.00-12 50 mos 12 00 88s 11 50-12 50 some loas 10 50 113s few 11.50 138s 9 00-9.50.

TANGELOS NO SUPPLIES.

APPLES STEADY WA Red Delicious WAExFcy 56-80s 20 00 88-100 18.00-20 00 113-125s 20.00 USExFcy 80-113s one label 18 00 Golden Delicious WAExFcy 88s 22.00-24 00 mos 23 00 100s 22.00-23.00 NEW CROP ctn tray pack ARGENTINA Granny Smith 100s 19 00-20 00 mos 19 00 NEW ZEALAND Granny Smith 88s 23.00 100s 21.00.

APPLE-PEARS CA 1-lyr ctn Shinseiki 18s 16.50 Hosui 18s 11 50-13 50 2-lyr Hosui 48s 15.00-16 50.

APRICOTS WA 2-lyr ctn Perfection fair cond 9 00-10 00

AVOCADOS CA 2-lyr ctn Hass 40s 51.00-53 00 48s 54.00 FL flat ctn Various Greenskin varieties 8-14s 10.00-11 00 mos 10 00.

BANANAS Imports ctn approximately 40-lb 12.75 fair qual 11.00 film wrpd 13.00 Institutional pack Petite 150s 11 00.

BLACKBERRIES SUPPLIES INSUFFICIENT TO QUOTE.

BLUEBERRIES ABOUT STEADY MI flats 12-1 pt film wrpd cups med 12 00

CHERRIES ABOUT STEADY WA 20-lb ctn WA#1 Lambert 10-1/2 row sz & lgr 35.00 11-1/2 row sz & lgr 23.00-25 00 ID 20-lb ctn no grade mark Bing 54/64" min 18.00 ord cond loas 5.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

FIGS CA 1-lyr flats via air Calmyrna 24-40s 10.00 fair cond loas 6.00.

GRAPES-TABLE ABOUT STEADY CA 23-lb lug & ctn Thompson Seedless 13.00-15.00 mos 14.00-15.00 some loas 12.00 few 16.00 one label 17.50 fair cond 9.00 sml 10 00-11 00 few 12.00 Flame Seedless 13.00-15.00 few 16.00 one label 18.50 Exotics 12.00-14.00 21-lb film bags Thompson Seedless 15.00-16.00 Flame Seedless 12.00-15.00 few 16.00.

KIWIFRUIT STEADY NEW ZEALAND 1-lyr flat 38s 8.00 42s 7.50.

MANGOS MEXICO flat ctn Tommy Atkins 9s & 12s 7.00 Kent 12s 7-7.50.

NECTARINES ABOUT STEADY CA 25-lb ctn Fantasia 60s 14.50-15.00 some loas 12.00 70-72 sz 14.00-15.00 some loas 13.00 few 15.50 80 sz 13.50-14.50 Flavortop 50 sz 15.00-16.00 80 sz 13.00 Red Grand 64 sz 15.00 80 sz 14.00 Le Grand 48 sz 16.00 2-lyr ctn Fantasia 42s 16.50.

PAPAYAS HAWAII ctn via air 12s 15.00.

PEACHES STEADY NJ 38-lb ctn Loring USEX#1 2-3/4" & up 21.00-22.00 some 23.00 2-1/2" & up 19.00-20.00 2-1/4" & up 17.00-18.

00 CA 25-lb ctn 25-lb Elegant Lady 42 sz ord cond 3.00-5.00 56 sz 14.00 poor cond 2.00 64 sz 12.00-13.00 Flavorcrest 64 sz 12.00-13.00 2-lyr ctn Early O'Henry 48-50s 14.50 Sparkle 48-50 sz 13.00.

PEARS STEADY CA Bartlett US#1 36-lb ctn 90s 24.00 100s 22.50 110 sz 18.00 120 sz 16.00 135 sz 14.00 4/5 buctn wrpd Bartlett US#1 90s 28.00 100s 26.00 110s 24.00 120s 21.00 135s 18.50.

PERSIMMONS NO SUPPLIES.

PINEAPPLES HAWAII ctn via air 6s 12.00 DOMINICAN REPUBLIC 2-lyr ctn 12-14s 8.00-9.00.

PLUMS STEADY CA 28-lb ctn El Dorado 3x4x4 sz 11.00-12.00 4x4 sz 9.00-10.00 3x4x5 sz 8.00 Laroda 3x4 sz 13.00-14.00 few 14.50 3x4x4 sz 12.00 3x4x5 sz 10.00 Friar 2x2 sz 16.00-17.00 2x3 sz 15.50-17.00 mos 16.00 some 17.50 one label 19.00 2x3x3 sz 14.00-17.00 some 13.00 2x2x3 sz 15.50-16.00 3x3 sz 14.00-16.00 some 13.00 2x3x4 sz 12.00-15.00 3x4 sz 12.00-13.00 mos 12.00 3x4x4 sz 9.00-11.50 one label 12.50 4x4 sz 10.00 one label 12.50 Catalina 3x4 sz 11.00 Grand Rosa 2x3x3 sz 16.00-17.00 2x4 sz 15.00 3x4x4 sz 14.00-15.00 Queen Ann 3x4 sz 11.00.

PRUNES WA 30-lb ctn WA#1 Early Italian 1-1/4" min 11.00-12.00 OR 30-lb ctn OR#1 Early Italian 1-1/4" min 10.00-11.00.

POMEGRANATES NO SUPPLIES.

RASPBERRIES ABOUT STEADY CA flats 12-1/2 pt film wrpd cups Red 10.00-12.00 one label 16.00.

STRAWBERRIES LOWER CA flats 12-1 pint bkt med-lge 8.00-9.00 mos 8.50-9.00 preferred labels 11.00-12.00 fair cond 5.00.

HONEYDEWS ABOUT STEADY CA 2/3 ctn 5s 5.00-6.00 mos 5.50-6.00 few 6.50 6s 5.00-6.00 mos 5.50-6.00 few 6.50 occ hgr 8s 5.50-6.50 mos 6.00 AZ 2/3 ctn 5-6s 6.00 MD 1-lyr cyn 2s & 3s 3.00-4.00 MEXICO 2/3 ctn 4-6s fair appear 3.00-4.00.

MISC MELONS CA 2/3 ctn Crnshaw 5-6s 15.00 Juan Canary 4s 10.00 Orange Flesh 6s 10.00.

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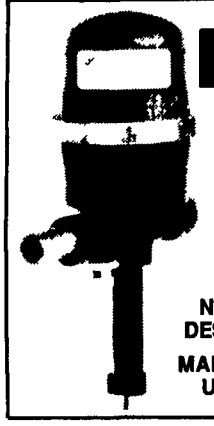

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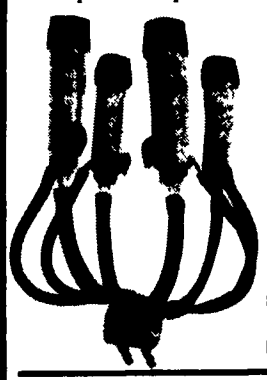

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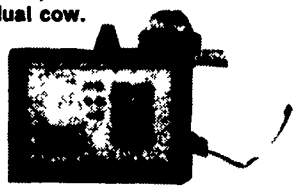

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- Low tip off height to minimize dropping damages
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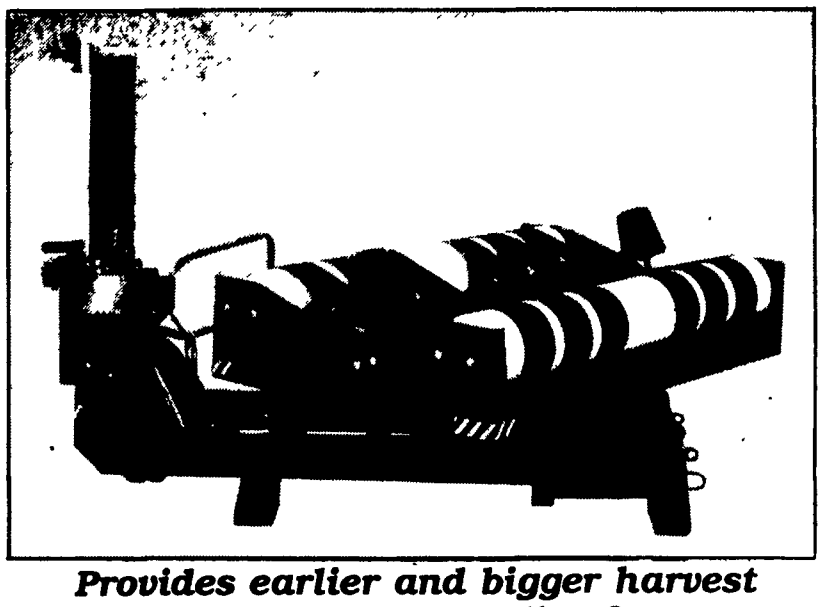

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Average Prices Of #1 Produce
Aug. 2, 3, 4, 6, 7, and 8. Open 11 a.m.
Mon. through Sat.
Report Supplied by Auction

APPLES: EARLY APPLES, ALL VARIETIES: 3.50-6.00 ½ BU.
LIMA BEANS: 8.00-16.00 ½ BU.
GREEN BEANS: 4.00-8.50 ½ BU.
YELLOW BEANS: 5.00-7.00 ½ BU.
BLUEBERRIES: 10.50-18.50 12 PT. FLAT.
CANTALOPES: LARGE .85-1.60 EACH, MEDIUM .75-1.10 EACH; SMALL .50-.75.
CABBAGE: .32-.40 EACH, 2.00-3.75 50 LB. CRATE.
CUCUMBERS: SUPER SELECT 4.00-8.50 ½ BU.; STANDARD 2.00-4.00 ½ BU.
EGGPLANT: PURPLE 3.00-5.50 ½ BU.
NECTARINES: LARGE 9.00-18.00 ½ BU.; MEDIUM 4.00-10.00 ½ BU.
PEPPERS: LARGE 7 00-11.00 1 1/9 BU.; MEDIUM 5.00-8.00 1 1/9 BU.
PEACHES: YELLOW 4.00-9.50 ½ BU.; WHITE 5.00-9.50 ½ BU.
PICKLES: SMALL 4.00-11.00 ½ BU.; LARGE 2.00-5.00 ½ BU.
BLACKBERRIES: 12.00-20.00 12 PT. FLAT.
POTATOES: RED AND WHITE 2.50-4.00 ½ BU., 1.00-1.75 10 LBS. .65-1.10 5 LBS; 4.00-6.00 50 LBS.
RED BEETS: 4.00-7.50 15 CT. BU.
SWEET CORN: WHITE .50-1.75 DOZ.; YELLOW .50-1.00 DOZ.
PATTY PAN, YELLOW NECK AND ACORN AND SPAGHETTI SQUASH: 2.50-5.00 ½ BU.
TOMATOES: LARGE 10.00-17.00 25 LBS.; MEDIUMS 6.00-12.00 25 LBS.; SMALL 5.00-9.00 25 LBS.; CHERRY 3.50-6.00 12 PT. FLAT.
WATERMELONS: LARGE 2.00-3.40 EACH; SEEDLESS .65-2.00 EACH; YELLOW BABIES AND SUGAR BABIES 65-1 75 EACH.
ZUCCHINI: GREEN AND YELLOW, SMALL AND MEDIUM 3.00-7.50 ½ BU.; MEDIUM TO LARGE 2.00-4.00 ½ BU.
SALES EVERY DAY NEXT WEEK EXCEPT SUNDAY.

Leola Produce Auction

Leola, PA
Aug. 7, 1990
Report Supplied by Auction

APPLES: EARLY VARIETIES 3.00-6.50 ½ BU.
GREEN BEANS: 8.00-14.50 1 1/9 BU.
YELLOW WAX BEANS: 5.00-12.00 1 1/9 BU.
LIMA BEANS: 20.00-30.00 1 1/9 BU.
CABBAGE: GREEN .15-.35 HEAD, 2.50-7.50 CRATE.
CUCUMBERS: 5.00-8.00 1 1/9 BU.
CANTALOPES: SMALL .30-.55 EACH; MEDIUM TO LARGE .50-1.20 EACH.
EGGPLANT: 5.00-9.50 1 1/9 BU.
NECTARINES: 5.50-9.50 ½ BU.
ONIONS: 4.00-6.50 50 LBS.
PICKLES: 4.00-8.00 ½ BU.
POTATOES, NEW: 3.50-7.50 50 LBS. US#1; .50-1.00 10 LBS.
PEPPERS: SMALL AND MEDIUMS, GREEN 2.00-4.00 1 1/9 BU.; LARGE TO JUMBOS 3.50-6.50 1 1/9 BU.
PEACHES: 5.00-10.50 ½ BU.
RED BEETS: 2.50-4.00 15 CT. BUNCH; 6.00-10.00 LOOSE 1 1/9 BU.
SWEET CORN: YELLOW .60-1.00 DOZ.; WHITE .80-1.20 DOZ.
TOMATOES: SMALL TO MEDIUM 4.00-9.00 25 LBS.#1; LARGE TO EXTRA LARGE 10.00-15.00 25 LBS.; CHERRY 3.00-5.50 12 PT. FLAT; PLUM 2.00-4.50 25 LBS.
WATERMELONS: YELLOW DOLLS .40-.80 EACH; CRIMSON SWEET 1.00-2.25 EACH; SEEDLESS 1.50-3.00 EACH; JUBILEES AND ALL SWEET 1 00-3.00 EACH.
SQUASH: YELLOW 1.50-5.00 ½ BU.; PATTYPANS 1.50-7.00 ½ BU.
ZUCCHINI: GREEN 2.00-4.25 ½ BU.; YELLOW 1.50-3.00 ½ BU.
SALE DAYS NEXT WEEK ARE MONDAY THROUGH SATURDAY, STARTING TIME 9 A.M.

Kutztown Produce Auction

Fleetwood, PA
10 a.m. Aug. 6-9
Report Supplied by Auction

APPLES: 7.00 BU.
BLACKBERRIES: .50-1.10 PT.
BEANS: 3.00-11.00 BU.
RED BEETS: 2.00 BU.
CABBAGE: .16-.25 HEAD.
CANTALOPES: .20-1.55 EACH.
HONEY DEWS: 1.00-1.10 EACH.
CUCUMBERS: 3.00-10.50 BU.
EGGS: .45-.50 DOZ.
LIMA BEANS: 6.50-13.50 ½ BU.
MUSHROOMS: 6.50-7.00 10 LBS.
NECTARINES: 8.50-16.50 ½ BU.
PEACHES: 2.00-12.50 ½ BU.
PEARS: CLAPSE 4.00-5.00 ½ BU.
PEPPERS: 3.25-12.00 BU.
POTATOES: .45-.75 10 LBS.; 2.75 20 LBS.
SQUASH: YELLOW 1.00-3.00 ½ BU.
SWEET CORN: .40-1.25 DOZ.
TOMATOES: 2.00-11.00 25 LBS.; SAUCE 1.00-5.00 25 LBS.
WATERMELONS: LOCAL .75-2.40 EACH; YELLOW 1.75-2.40 EACH.
ZUCCHINI: 2.00-6.00 BU.
STRAWBERRIES: LOCAL .55 PT.
NEXT WEEK'S AUCTION DAYS ARE MONDAY THROUGH FRIDAY, 10 A.M. SATURDAY 9 A.M.

Southern Maryland Regional Farmers Market Wholesale Produce Auction

Cheltenham, Md.
Sale Days: Fri., Mon., and Wed., 11:30 a.m.
1-301-372-1066
Price Summary For
Report Supplied by Auction
Aug. 3, 6 & 8

GREEN BEANS: 2.00-10.50 BU.
LIMA BEANS: 12.00-16.00 BU.
CABBAGE: WHITE 1.00-4.00 ¾ BU.
CUCUMBERS: SMALL 6.50; MEDIUM 5.00-9.50; LARGE 3.00-6.75, ALL 1 1/9 BU.
EGGPLANT: 2.00-6.50 1 1/9 BU.
OKRA: 9.00-16.00 ½ BU.
PEPPERS: GREEN AS FOLLOWS, SMALL 4.00-11.00, MEDIUM 2.00-7.00, LARGE 2.00-7.50, EX.LGE. 3.75-5.00, ALL 1 1/9 BU.; RED, SM. 7.50, MED. 2.00-6.50, EX.LGE. 3.75-5.00; HOT BANANA 3.50 ½ BU.; HOT CAYANA 5.50-10.00 ½ BU.; JALAPENO 4.00-8.50 ½ BU.; HOT HUNGARIAN 5.00-6.50 ½ BU.
PICKLES: SMALL 15.00 ½ BU.; MED. 8.00; LARGE 10.00 ½ BU.
POTATOES: RED, 4.00-5.00 ½ BU., 9.50 BU.; WHITE 5.75-7.50 BU.
SQUASH: PATTYPAN 2.00-5.50 ½ BU., YELLOW 1.00-5.50 ½ BU., ZUCCHINI 1.00-5.00 ½ BU.; ACORN 3.75-4.50 1 1/9 BU.; BUTTERNUT 5.00-5.50 1 1/9 BU.
SWEET CORN: BULK .40-1.65 DOZ., 1.20-4.00 5 DOZ. BOX.
TOMATOES: SM. 1.75-6.00; MEDIUM 1.50-10.00; LARGE 2.50-11.50; XLGE. 5.50-10.75, ALL 25 LBS.; CHERRY 1.00-6.75 12 PT. FLAT.
APPLES: 3.50-4.50 ½ BU. MEDIUM; 4.50 BU. MED.
BLACKBERRY: 7.00-11.00 12 PINT FLAT.
CANTALOPES: BULK, SM. .40 EACH; MED. .25-1.15 EACH; LGE. .30-1.50 EACH; MIXED SIZES BULK .25-1.20; 8 CT. BOX 1.30-10.50; 10 CT. BOX 4.50-11.00; 12 CT. BOX 1.00-11.00.
PEACHES: MEDIUM 7.00-10.50 ½ BU.; LARGE 6.50-13.50 ½ BU.
PEARS: 4.75 ½ BU.
WATERMELONS: BULK SMALL 1.00-1.60; MEDIUM .75-2.75; LARGE 1.25-8.00; BULK MIXED 1.10-2.80.
CUT FLOWERS (COXCOMBS AND ZINNIAS 2.00-4.00.
HANGING BASKETS: 5" WANDERING JEWS 4.00-5.00, 10" FERNS 6.00.

NJ Fruit (Seasonal)

August 8, 1990

PARTLY CLOUDY 67-82.
SOUTH NEW JERSEY Sales fob shipping point basis. PEACHES (Reported Mon-Wed-Fri) Demand good. Market steady. 38 lb. carton hydrocooled U.S. Extra One and some no grade mark. Various yellow flesh varieties mostly Loring. Wide range in quality. 2-3/4 inch and up 18.00-22.00 mostly 20.00 few 24.00 2 1/2-2 3/4 inch including 2 1/2 inch and up 18.00-22.00 mostly 20.00 few 16.00-17.00 2 1/4-2 1/2 inch including 2 1/4 inch and up 16.00-20.00 mostly 18.00 2 1/8-2 1/4 inch too few to quote 2 2-1/8 inch too few to quote.

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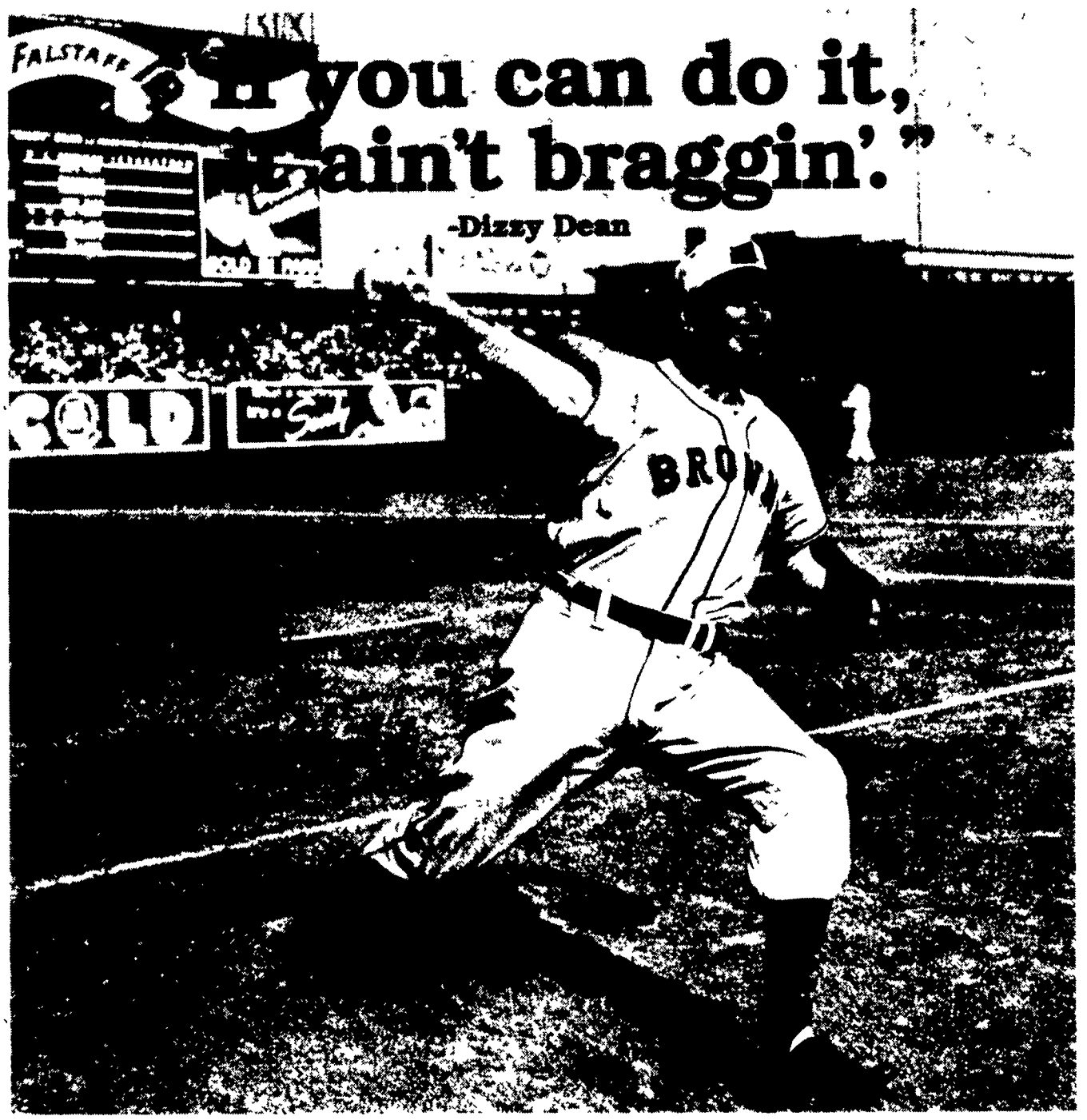

Jacques new corn hybrids can outyield, stand better and dry faster than whatever you're planting now.

That doesn't mean they'll win every comparison any more than Dizzy Dean won every game. But on average, you'll make more income per acre planting Jacques new hybrids.

Check out the win/loss record of these hybrids in the 1989 Jacques yield book — or in any other company's yield book, for that matter. Then get some of each on order for yourself.

6770 - A three-year veteran with a league-leading record. Outscored DK547 by almost 10 bushels per acre and made lots more money than either Pioneer 3475 or NK S5340.

7770 - On the mound 60 times against Pioneer hybrid 3379 the last two seasons and earned an average of $10 more per acre. And that's on a lot of acres!

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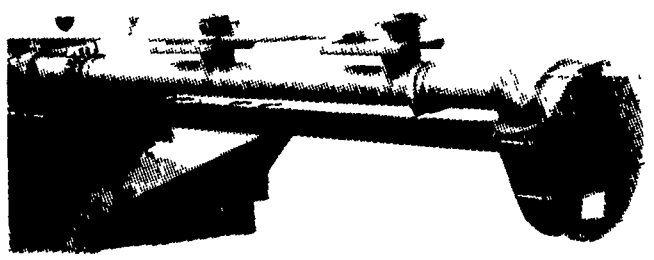
SALE



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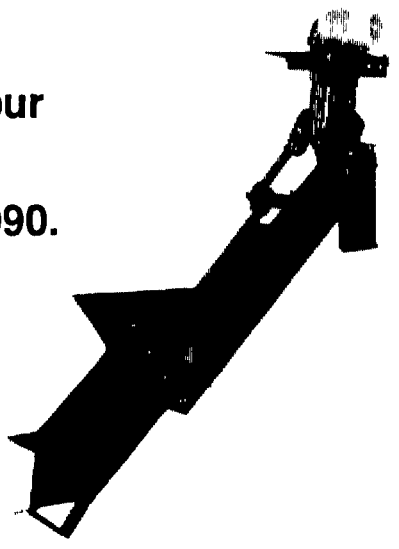

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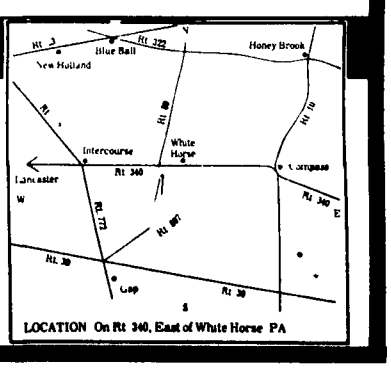


LOCATION On Rt 340, East of White Horse PA

Buffalo Produce

Mifflinburg R3
Aug. 6 and 7, 1990
Report Supplied by Auction

BROCCOLI 8 00-10 00 BU
CABBAGE 2 00-4 00 50 LBS
CANTALOPES. 35-1 50 EACH
TOMATOES CHERRY 2 00-10 00 12 PT. FLAT, 4.00-17 00 25 LBS
CUCUMBERS 2.00-6 00 1 1/9 BU
EGGPLANT 9 00 1 1/9 BU
PEPPERS 6 00-8 50 1 1/9 BU
PICKLES 9 00 ½ BU
POTATOES RED AND WHITE #1 4 00-5 50 50 LBS
RED BEETS 4 00-5 00 ½ BU
GREEN AND YELLOW BEANS 4 00-5 75 ½ BU.
SWEET CORN. 40-1 40 DOZ
WATERMELONS. LOCAL CRIMSON SWEET 2 25 EACH, YELLOW DOLLS 1.05 AVG.
ZUCCHINI: 1.00-2 50 ½ BU
PEACHES 6.00-9.00 25 LB. ½ BU
NECTARINES. 9 00-10 50 25 LB. ½ BU.
NEXT WEEK'S AUCTION DAYS WILL BE MONDAY, TUESDAY, THURSDAY AND FRIDAY AT 11 A M.

Phila. Potato & Onion

August 8, 1990

MOSTLY CLOUDY 69-84
ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good qual and cond new crop Yellow unless otherwise stated CA grano type jbo 750-800 repacker sz 850-900 few 950 NM Grano & Spanish hybrid type jumbo 800 some incl fair cond loas 750 White jumbo 11 00-12 00 TX Spanish hybrid type colossal 950-10.00 jumbo 8-850 NY Globe type Red 25-lb sacks jumbo 900-10.00 mos 900 med-lge 700-800 med 600-700.
POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES new crop DE 475-550 mos 500 lge 7-750 mos 750 NJ 450-550 NYLI 5-550 lge 750-800 VA 475 lge 700 few 750 ROUND REDS new crop WI sz B 10.50-11 00 mos 11 00 DE few 900 sz B few 900 MN 900-11 00 mos 10.00 sz B 11 00-12.00 NC sz B ord cond 250 RUSSETS 50-lb ctn count unless otherwise stated ID 70-80s 23.00 90s 22 00 100s 21.00 new crop Norkotah 80s 21.00-22 00 90s 20 00-21.00 100s 19 00 few 20.00 CA Centennial new crop 100s 14.50-15 00.

Keister's Middleburg Auction

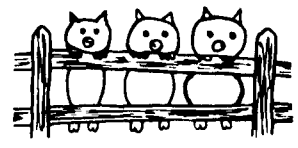
Middleburg, PA
August 7, 1990

CATTLE 363...REPORT IS SUPPLIED BY THE AUCTION...Compared with last weeks market: High Choice & Prime slaughter steers 76.50-79.85, Choice 75 00-78.50, Select 73.00-74.75, Standard 69.00-72.75; Choice Holsteins 70.00-73.60, Select 67.00-69.85, Standard 64.00-66.75. Choice sl. heifers 72.50-76.50, Select 68.00-72.25, Standard 64.00-67.75. Breaking Utility & Commercial sl. cows 54.00-59.60, Cutter & Boning Utility 53.00-58.75, Canner & low Cutter 48.00-53.00, Shells down to 44.00. Choice sl. bullocks 65.75-68.75, Select 62.00-65.50. Yield Grade No. 1, 1200/1865 lbs. sl. bulls 61.00-65.75, few 68.35. Feeder Cattle: 400/820 lbs. steers 68.00-81.50. 500/850 lbs. heifers 62.00-78.00. 470/730 lbs. bulls 64.00-76.50.
CALVES 251...Choice vealers 110.00-120.00, one Prime 124.00, Good 90/110 lbs. 80.00-95.00, Standard & Good 60/90 lbs. 70.00-80.00. Farm Calves: Holstein bulls No. 1, 90/125 lbs. 125.00-174.00; Hol. Heifers 90/135 lbs. 150.00-200.00.
HOGS 353...US No. 1, 200/250 lbs. barrows and gilts 60.25-61.00, No. 1-2 215/250 lbs. 59.25-60.25, 1-3 210/250 lbs. 58.25-59.25, 2-3 190/270 lbs. 52.00-58.25. US No. 1-3 280/650 lbs. sows 47.00-51.00, 2-3 275/575 lbs. 40.00-47.00. Boars 40.00-47.00.
FEEDER PIG 303.. US No. 1-3 20/35 lbs. feeder pigs 30.00-39.00, 35/50 lbs. 40.00-50.00 --- all per head.
SHEEP 128...Choice 80/120 lbs. spring slaughter lambs 50.00-58.00, Good 40/80 lbs. 45.00-56.00, few 30/40 lbs. 56.00-73.00. Slaughter sheep 12.00-26 00 - all cwt.
GOATS 37...Large 50.00-110.00, Small 25.00-50.00 --- all per head.

SOYBEAN ROASTING ON YOUR FARM

Don't Waste It - Roast It!

This Little Piggy Went To Market,
This Little Piggy Stayed Home,
This Little Piggy Had...
ROASTED SOYBEANS



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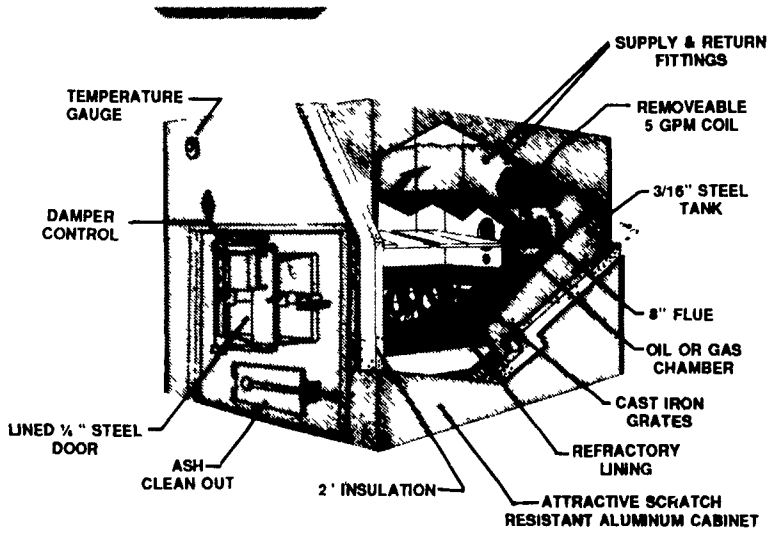

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Take advantage of cash discounts and lock in 1990 Prices for Corn and Alfalfa Until The New Price List Comes Out.
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Frederick Livestock Auction

Frederick, Md.
Monday, Aug. 6, 1990
Report Supplied by Auction

SLAUGHTER COWS ACTIVE! 1.00-2 00 HIGHER! UTILITY 52 00-57 00, HIGH DRESSING TO 58 00, 1 AT 60 25, CANNERS 50 00-54 00, SHELLY 50 00 DOWN

BULLS YG#2 62 00-67 00, STANDARD TO 60.25

FED STEERS NONE.

FED HEIFERS HOLSTEIN LOW CHOICE 1565 LBS 64 75

VEAL CALVES CHOICE 1 375 LBS AT 105 00, GOOD 190-300 LBS 85 00-100 00, CULLS 85-110 LBS 68 00-76 00, 50-80 LBS 62 00-70 00, WEAK AND ROUGH 62 00 DOWN

FARM CALVES· HOLSTEIN BULLS 10.00 HIGHER! #1 95-125 LBS. 120.00-147 00; #2 85-105 LBS 80.00-115.00.

HOLSTEIN HEIFERS· 80-95 LBS 100 00-130.00; 95-105 LBS. 140 00-160.00; BEEF X BULLS TO 142 00

BUTCHER HOGS: 1.00 LOWER. US#1 AND 3 225-260 LBS. 57.00-58.00; 280-350 LBS 51.00-57 00, 200-220 LBS 50.00-53.00.

SOWS: 400-600 LBS. #1 AND 3 48.50-50.75; #2 AND 3 45.00-48 00.

BOARS: TO 46.75.

STOCK CATTLE, STEERS: HOLSTEINS 300 LBS. TO 85.00; 500 LBS TO 64.50.

HEIFERS: 500-700 LBS. 69.00-80.00; 750 LBS. TO 71.00; 2 HOLSTEINS 180 LBS. AT 120.00.

BULLS: 350 LBS TO 86.50; 550 LBS TO 75.50; 850-975 LBS 60.00-67 50.

LAMBS: CHOICE 125-135 LBS. 48.00-50.00.

SHEEP: 115-135 LBS. 21.00-24.50.

GOATS: LARGE TO 57.000-79.00; MEDIUM 35-50 LBS. SMALL TO 23.00.

PIGS AND SHOATS: BY THE HEAD, 15-25 LBS. 14.00-22 00, 50 LBS. TO 40.00.

BY THE POUND, 100-110 LBS. 56.00-59.00.

St. Louis Cattle, Hogs

August 9, 1990

CATTLE AND CALVES: 200 (0 SLTR, 200 FDRS)

RECEIPTS CONSISTS OF FEEDER CATTLE AND COWS FOR REGULAR THURSDAY'S AUCTION

NO TEST ON SLAUGHTER CATTLE.

SLAUGHTER CLASSES: NOT TESTED COWS CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4

BONING 1-2

LOW TO AVG. CUTTER

RECEIPTS THIS WEEK 900· WEEK AGO 1,100. YEAR AGO 1,400

COMPARED WITH LAST WEEKS CLOSE, SLAUGHTER STEERS AND HEIFER MOSTLY .50 LOWER, EXCEPT HOLSTEIN STEERS STEADY. COWS 1.00-2.00 HIGHER. BULLS FIRM TO 1.00 HIGHER SLAUGHTER SUPPLY MAINLY MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 10% COWS

North Jersey Livestock

Hackettstown, NJ
Tuesday, Aug. 7, 1990
Report supplied by auction

CALVES .50-1.35.
COWS .40-58.¼ .
EASY COWS .15-47½ .
HEIFERS .43.-.63.
BULLS .58¼ -.68.
STEERS .54½ -.72.
HOGS .40-.51.
SOWS .35-.42½ .
ROASTING PIGS, EACH 35.00-49.00.
BOARS .35-.42.
SHEEP .10-.43.
LAMBS, EACH 10.00-63.00.
LAMBS PER LB. .25-.68.
GOATS EACH 12.00-105.00.
KIDS EACH 8.00-60.00.
TOTAL 1,276.

Hampshire/Duroc Places High At Lancaster 4-H Roundup

ANDY ANDREWS
Lancaster Farming Staff

MANHEIM (Lancaster Co.) — With his hog weighing in at 240 pounds, not only did Jason Cox, 14, of Manheim win the 4-H swine grand champion Wednesday night at the Lancaster 4-H Roundup, but he also commanded a pretty hefty price for his Hampshire/Duroc cross.

Doug Clemens of Hatfield Quality Meats, Montgomery County, purchased the hog for $684 — $2.85 per pound.

Jason also picked up reserve heavyweight champion hog at the competition, which sold to Arnold's Hog Farm for $215.04 — $.84 per pound.

Reserve champion was picked up by the 230-pound Duroc cross owned by Cory Pfautz, 12, of Lititz. Wilmer Kreider picked the hog up at the auction for $368 — $1.60 per pound.

Judge for the show was Henry Holloway of Darlington, Maryland.

Following is a list of show placings.

4-H SWINE ROUNDUP
GRAND CHAMPION
Jason Cox
RESERVE CHAMPION
Cory Pfautz
MARKET PRICES
MEDIUM WEIGHT CHAMPION
Laura Folker
.96/lb

LIGHT WEIGHT CHAMPION
Laura Folker
Farm Crest
1.00/lb.

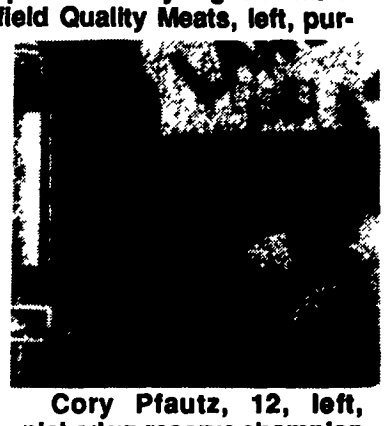
Jason Cox, 14, left, took grand champion honors at the Lancaster 4-H Swine Roundup Wednesday night in Manheim. Doug Clements of Hatfield Quality Meats, left, purchased the hog for $684.

RESERVE HEAVYWEIGHT CHAMPION
Jason Cox
Arnold's Hog Farm.
84/lb.

RESERVE LIGHT HEAVYWEIGHT CHAMPION
Gerald Boyd
Leidy Farms
.82/lb.

RESERVE MEDIUM WEIGHT CHAMPION
Pam Myer
Willie the Butcher
.85/lb.

RESERVE LIGHTWEIGHT CHAMPION
Gerald Boyd
Willie the Butcher
.85/lb.



Cory Pfautz, 12, left, picked up reserve champion honors at the Lancaster 4-H Swine Roundup at the Manheim Fairgrounds. Wilmer Kreider of Willie the Butcher bought the hog for $368.

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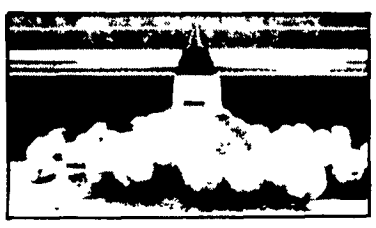
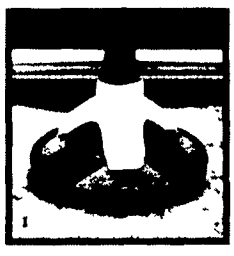
CHORE-TIME® 's NEW H2 FEEDER IS WHAT YOU NEED

A New Way To Feed Broilers And Turkey Poults



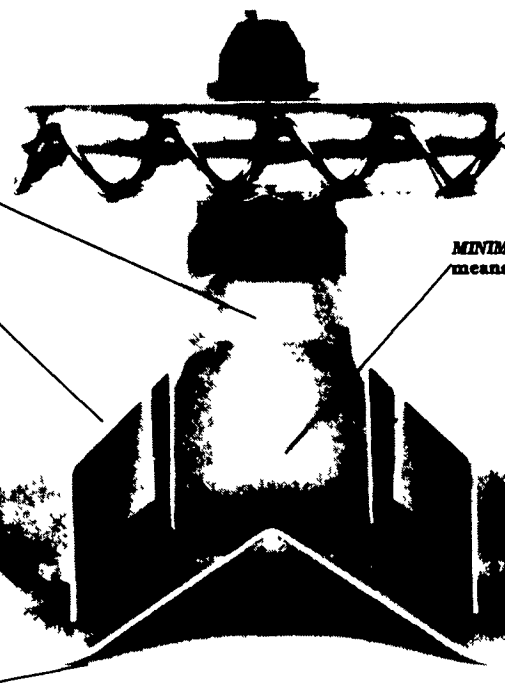
H2 Broiler Feeder With Flood Gates Open, Fills Pan With Overflow Onto The Paper For Quick Starts With Minimum Waste.



H2 Turkey Poult Feeder Has Feed Chutes To Fill Pan Without Any Spillage Onto Shavings.

Pan Hangs On Cone For Easy Cleaning.

- OUR 10-YEAR WARRANTY on the auger and 5-year warranty on the pan says it all - WE STAND BEHIND IT!
- ALL-PLASTIC FEEDER consists of 3 simple, rugged polypropylene parts for permanent corrosion-proofing. Pan easily removes for clean-out and hangs from feeder for drying and storage.



FEED WINDOW (when Feed Gate is open) automatically floods pan with feed to attract chicks from day one. Saves labor — no more hauling and scooping feed into feeder pans!

ROLL-FORMED TUBE is galvanized inside and out for rust-resistance.

LARGE DOME discourages growing birds from getting into pan.

MINIMAL FEED STORAGE within dome means fresh feed quickly to all birds.

SELF-LEVELING PAN — a patented Chore-Time feature — cuts feed waste and bird bruising since pans can swing.

EASY-TO-ADJUST FEED LEVEL lets you set feed opening to allow for different types of feed you might decide to use.

UNIQUE PAN SHAPE and low pan height is ideal for chicks, with no grill to obstruct eating. Pan has 13-inch diameter.

BUILT-IN HIGH CONE evenly distributes feed in pan, prevents stale feed buildup in feed level tube.

DOUBLE FEED-SAVER LIP on pan limits raking and billing and helps you save every bit of precious feed.

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Farm Calendar

(Continued from Page A10)

Huntingdon Co. Fair, Huntingdon, thru August 18.

McKean County Fair, Smethport, thru August 18.

Thursday, August 16

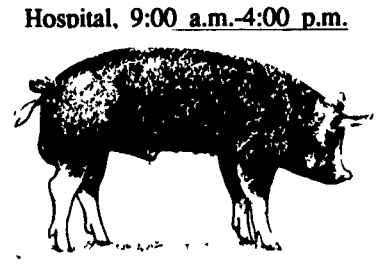
Ag Progress Days, Rock Springs.
Pa. Hay Show at Ag Progress Days, Rock Springs.
Washington Co. Holstein Show, Washington.
FFA Northeast Dairy Show, Troy Fairgrounds.
Bucks Co. Middletown Grange Fair, Grange Fairgrounds, Wrightstown, thru Aug. 18.
Huntingdon Co. Fair, Huntingdon, thru August 18.
McKean County Fair, Smethport, thru August 18.
Montgomery Co. 4-H Fair, Creamery, thru August 18.

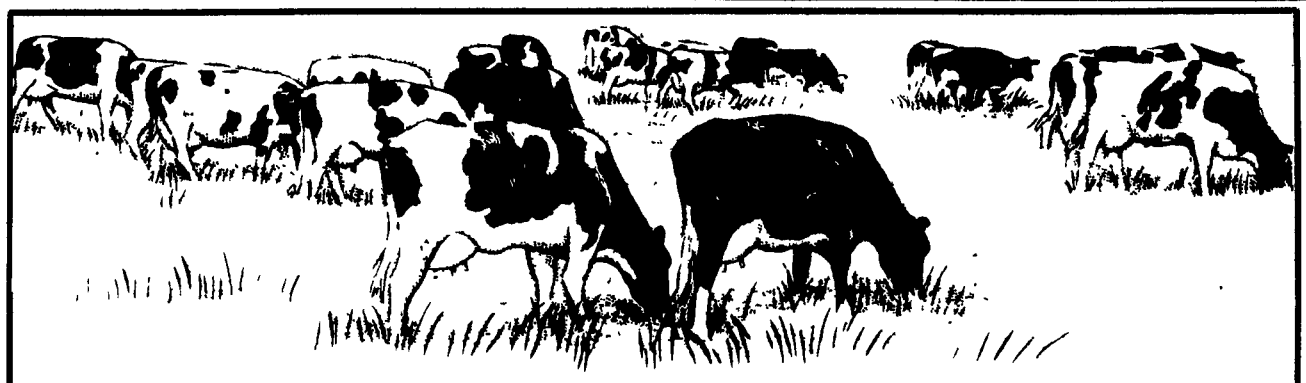
Friday, August 17

Eisenhower's 100th birthday celebration, Gettysburg, thru Aug. 19.
Adams Co. Angus Field Day, Ramada Inn and Eisenhower Farm, thru Aug. 19.
Bucks Co. Holstein Show, Wrightsville, 11:00 a.m.
Montgomery Co. Ag Fair, thru Aug. 25.
Bucks Co. Middletown Grange Fair, Grange Fairgrounds, Wrightstown, thru Aug. 18.
Huntingdon Co. Fair, Huntingdon, thru August 18.
McKean County Fair, Smethport, thru August 18.
Montgomery Co. 4-H Fair, Creamery, thru August 18.

Saturday, August 18

Bucks Co. Middletown Grange Fair, Grange Fairgrounds, Wrightstown.
Eisenhower's 100th birthday celebration, Gettysburg, thru Aug. 19.
Adams Co. Angus Field Day, Ramada Inn and Eisenhower Farm, thru Aug. 19.
Montgomery Co. Ag Fair, thru Aug. 25.
Central Championship Show, Huntingdon, Pa., 6:30 p.m.
N.E. 4-H Dairy Show, Troy Fairgrounds.
Huntingdon Co. Fair, Huntingdon.
McKean County Fair, Smethport.
Montgomery Co. 4-H Fair, Creamery.
Cameron Co. Fair, Emporium, thru August 25.
Ram Reproductive Evaluation Clinic at Willow Creek Animal Hospital, 9:00 a.m.-4:00 p.m.





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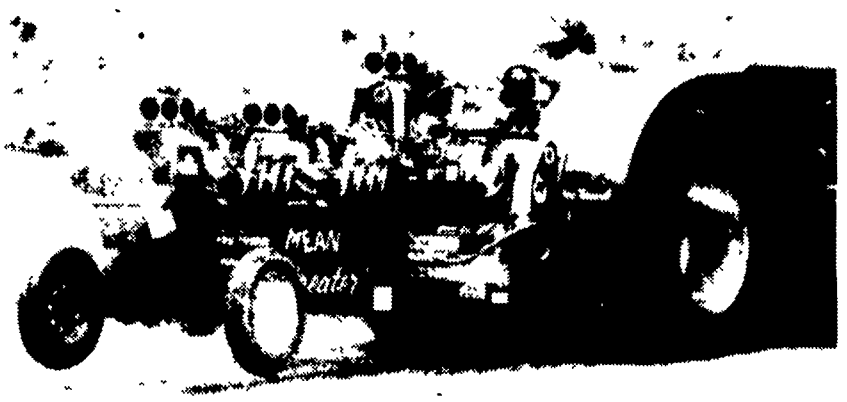

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Steve Cornman, second from right, showed the senior and grand champion, Lockway Fawn. Curtis Day showed the reserve senior and reserve grand champion and the best bred and owned cow, Tri-Day Starbuck Sahara. At left is Franklin County's Dairy Princess, Stacy Brindle and judge Patty McMurray. At right is Creedin Cornman of Justa-Beauty Farm, Carlisle, which sponsored the banner. Photo by Art Salisbury.

Fawn Wins Shippensburg Holstein Honors

BONNIE BRECHBILL
Franklin Co. Correspondent

SHIPPENSBURG (Franklin Co.) — Lockway Fawn, a fancy four-year-old, walked away with senior and grand champion honors of the Holstein Show at the Shippensburg Community Fair. Fawn, a Dreamstreet Masquerade-ET daughter, was shown by Steven and Creedin Cornman of Carlisle. Bred by Richard C. Locke of Mercersburg, Fawn was also named Best Uddered cow of the show, held July 26 at the Shippensburg Fairgrounds.

Reserve senior and reserve grand champion honors went to Tri-Day Sarbuck Sahara, a senior two-year old owned by Curtis and Ann Day of Shippensburg. Sahara also earned the Best Bred and Owned trophy for the Days.

The Premier Breeder banner went to the Paul Dyarman family of Dyar-Acres, Shippensburg.

Premier Exhibitors were the David R. Walton Family of Carlisle.

Hall-A-Way Ronna, a six-year-old cow shown by William A. Hall of Shippensburg, was named grand champion of the 4-H show. FFA champion honors went to Brian Reichard of Chambersburg for his aged cow, C Valleylind Katie Legend.

Junior champion of the open show was Justa-Beauty Ashley April, a junior yearling owned by Steven Cornman. A junior calf, Penn-Gate Mark P Abbey, owned by Clayton Wood of Littlestown, was reserve junior champion.

Mary Ellen Deaven of Newburg showed the FFA Junior Champion, Jemaro Magic Loretta, a senior yearling.

Judge for the show was Patty McMurray of Washington County.

Placings for the open show follow.

Junior Heifer Calf
1 Clayton Wood, Littlestown, 2. Guy R. & Sharon K. Hammond, Carlisle; 3. Harry & Aliene Thompson, Carlisle.
Intermediate Heifer Calf
1. Paul Dyarman, Shippensburg; 2. Elizabeth Walton, Carlisle; 3. J Darren Watts, Waynesboro
Senior Heifer Calf
1. Rebecca Cornman, Carlisle; 2. William Hall, Shippensburg; 3. Heidi Heater, Newburg.
Summer Yearling
1. Al-Hart Holsteins, Shippensburg; 2. William Hall; 3 Mt Rock Farm, Carlisle.
Junior Yearling Heifer
1. Steven Cornman, Carlisle; 2. Craig H. Walton, Carlisle; 3. Steven Cornman.
Intermediate Yearling Heifer
1. Donald J. Harwood, Shippensburg; 2. Jennifer S. Reasner, Shippensburg, 3. Paul O. Dyarman, III, Shippensburg.
Senior Yearling Heifer
1. Mt. Rock Farm; 2. Mary Ellen Deaven, Newburg; 3. Beidel Bros., Newburg.
Junior Champion Female
Steven Cornman
Reserve Junior Champion Female
Clayton Wood
Junior Best Three Females
1. Steven Cornman; 2. Paul O. Dyarman; 3. Harwood Farms.
Dry Cow Four Years And Under
1. Craig Walton; 2. Reich-Dale Farm, Chambersburg; 3. Julie A. Dyarman, Newville.
Dry Cows Five Years and Over
1. Mt. Rock Farm; 2. Jesse A. Reichard, Waynesboro; 3. Al-Hart Holsteins.
Junior Two Year Olds
1. Elizabeth L. Walton; 2. Curtis Beidel, Newburg; 3. Mt. Rock Farm.
Senior Two Year Old
1 Curtis & Ann Day, Shippensburg; 2. Craig H. Walton; 3. Jennifer Reasner, Shippensburg.
Three Year Old
1. Elizabeth L. Walton; 2. Michael Dyarman, Shippensburg; 3. Creedin Cornman, Carlisle.
Four Year Old
1. Creedin Cornman; 2. Harry & Aliene Thompson; 3. Mt. Rock Farm.
Five Year Old
1. David R. Walton, Carlisle.
100,000 Pound Cows
1. Galen R. Smith, Shippensburg; 2. Timothy Smith, Shippensburg; 3. Reich-Dale Farm.
Six Years and Over
1. William A. Hall, Shippensburg; 2. Michael Dyarman; 3. Brian Reichard, Chambersburg.
Senior & Grand Champion
Creedin Cornman
Reserve Senior and Reserve Grand Champion
Curtis & Ann Day
Best Bred & Owned
Curtis & Ann Day
Best Udder
Creedin Cornman
Premier Exhibitor
Paul Dyarman Family
Premier Breeder
Paul Dyarman Family
Senior Best Three
1. David R. Walton; 2. Harry & Aliene Thompson; 3. Jennifer Reasner.
Produce of Dam
1. Harry & Aliene Thompson; 2. Jeanette & Sandra Anderson, Boiling Springs; 3. William A. Hall.
Dam & Daughter
1. Elizabeth L. Walton; 2. Michael Dyarman; 3. Craig Walton.

Ag Progress Days SPECIAL REPORT

NEW TECHNOLOGY WITH APPLICATIONS FOR CROP PRODUCTION

John Rowehl
York Co. Extension Agent

There's always something new being developed by someone that changes the way crops are produced. Goals for new technology are usually to result in greater production, better quality, lower costs, or sometimes just making it easier for the producer to get the job done. Increasingly, emphasis on new technology is also being placed on decision-making tools and environmental protection.

Expert systems, under development for a few years now, may soon be in widespread commercial use on farms. Expert systems use the speed of a computer and a decision-making process that is similar to the way the human brain reasons out a problem.

This has been referred to as "artificial intelligence" and gives the grower the expertise of a specialist to solve various problems by using a computer program that they purchase. Pest control recommendations are an example of an expert system. Information about the crop, field history, pest numbers, rainfall, temperature data and other factors are fed into the computer and an analysis of the problem and recommendation options are offered to the user.

Advances in diagnostic capabilities are being made. It will soon be easier to and quicke to identify plant diseases by using a process of protein "finger printing." Protein configurations are unique, similar to the way a human fingerprint is unique to each individual person. Faster diagnosis with a field kit that uses this technique will eliminate time sending a sample to a lab and more immediate control action can be made.

Work has also been done on

(Turn to Page A48)

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Ag Progress Days

(Continued from Page A46)

predicting which pesticides will have the best chance of success against insects that have developed resistance to certain classes of insecticides. If successful, this technique could take the form of a small field kit that a grower could place some of the target insects in from his field and see which insecticides the insects are resistant to and which they are susceptible to.

More effective control and less money wasted would be the result.

Improved innoculants for legume seeds are being developed. These innoculants will contain "super" strains of rhizobia that will allow legumes to be even more efficient in fixing nitrogen from the air. We may also see a new way that the famous biological insecticide *Bacillus thuringiensis* is used. By incorporating a gene from Bt into an endophytic fungus and then infecting seed corn with the endophyte, the toxin from the Bt spreads throughout the corn plant as it grows. The corn then has a built-in insecticide to use against the pesky European cornborer.

A great bit of news has been generated regarding applications of biotechnology in plant genetics. And rightly so, since about half of biotechnology research is going to this type of work. Varieties of crops resistant to certain herbicides are under development, allowing for increased use of these "environmentally friendly" herbicides. Manipulation of genes to produce more pest resistant crops may lead to reduce reliance on pesticides, less applicator exposure, and less chance of environmental impact. You may even see the day when there are varieties of wheat that can fix their own nitrogen like alfalfa and soybeans do. Don't hold your breath for that one, though. One estimate recently placed having that capability in possibly five years in a laboratory situation and maybe 20 years from now for a commercially available variety.

Rabbits Bring Highest Price,

(Continued from Page A29)

ers, this year's sale saw a noticeable increase in participants and observers, with 94 bidders registered.

Another first for this year's livestock sale was the awarding of a $1,000-a-year college scholarship by H.J. Smith & Sons, of Annville.

The first recipient of the scholarship is Kevin Goss, who is to attend Millersville College and pursue a degree in art education. Goss is currently a member of the county 4-H dairy club.

The scholarship is to be awarded annually, and those who remain eligible and maintain a minimum 2.50 cumulative grade point average, can continue to recieve a $1,000 scholarship for up to four years.

Overall, compared to last year's sale, most prices and numbers were higher.

In 1989, champions sold, per pound, at: steer $1.90, lamb $4, hog $4.10, carcass hog $350, carcass lamb $100.

On the average, hogs sold this year at $1.68 a pound, steer $1.07, lamb $2.05, rabbit $7.98.

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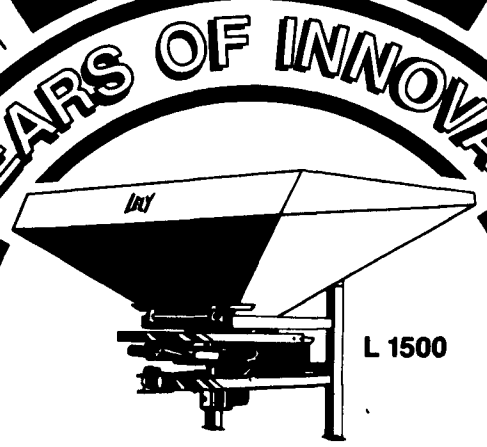

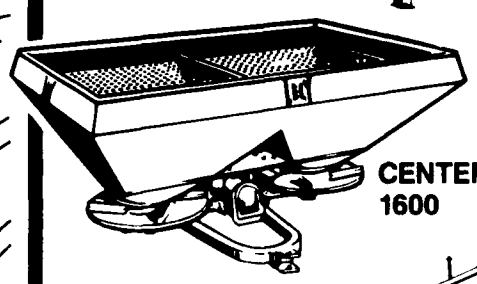

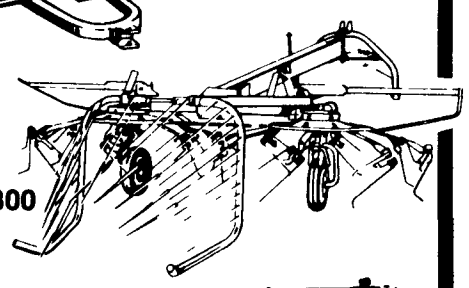

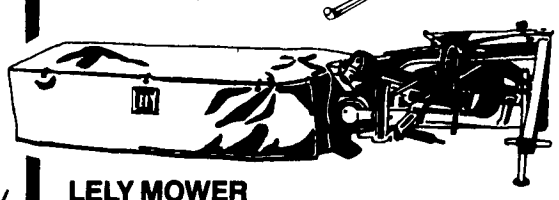

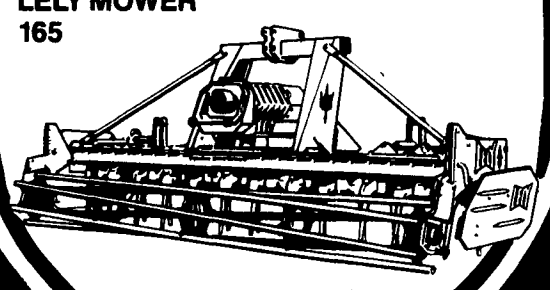

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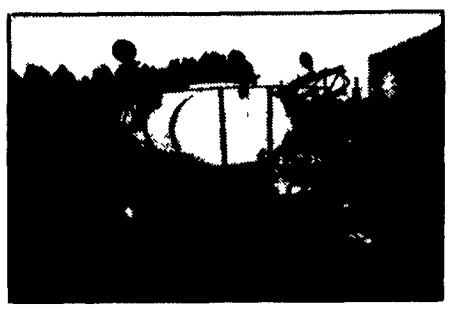

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Century Farm Owners

(Continued from Page A1)

date, 1,461 farms have been recognized as Century Farms.

To qualify as a Century Farm, the farm must be owned by the same family for 100 or more consecutive years and a family member must currently live on the farm. In addition, the farm must contain at least ten of the original acres or gross over $1,000 annually in the sale of farm products. Applications are available from the Department of Agriculture by calling 1-800-AG-PENNA.

The following farm families were recognized during the second quarter of 1990 under the Century Farms Program:

ADAMS COUNTY — Roger & Brenda Lewis, Old Harrisburg Road, Gettysburg, original purchase in 1785 by his great-great-great-grandfather Adam Essick.

ARMSTRONG COUNTY — Eugene & Evelyn Orr Hilty, Balsiger Road, Apollo, original purchase in 1877 by Samuel Orr.

BEDFORD COUNTY — Forrest & Erdean Bence, RD 1, Schellsburg, original purchase in 1888 by his father John Bence.

BLAIR COUNTY — Harold Walter, RD 1, Claysburg, original purchase by 1887 by his grandfather George McClennan.

BRADFORD COUNTY — Trade Winds Farm, Azzell & Joyce Watkins, RD 2, Columbia Cross Roads, original purchase in 1879 by his great-grandfather Mial Watkins.

BUCKS COUNTY — James & Lisa Grasse, Upper Church Road, Chalfont, original purchase in 1870 by his great-great-grandfather Anthony Bishoff Grass.

Glenn & Glenda Wismer, RD 1, Perkasie, original purchase in 1749 by his great-great-great-great-great-great-grandparents Jacob & Nanny Wismer.

BUTLER COUNTY — George & Olive Davis, Spring Valley Road, Saxonburg, original purchase in 1812 by his great-great-grandfather John Davis.

CLARION COUNTY — Denny & Elma Newell and (son-in-law) Carl & Patricia Over, RD 1, Sligo, original purchase in 1822 by Denny's great-great-grandfather Robert Newell.

COLUMBIA COUNTY — Victor & Josephine Ash, RD 2, Orangeville original purchase in 1865 by her grandfather Benjamin Hess.

CRAWFORD COUNTY — Harriett Woodard Martin, RD 1, Conneautville, original purchase in 1876 by her great-grandfather-in-law Alvak Woodard.

FRANKLIN COUNTY — Roy & Betty Sollenberger, Oellig Rd., Mercersburg, original purchase in 1889 by his grandfather Jacob Sollenberger.

HUNTINGDON COUNTY — George & Harold Harper, Three Springs, original purchase in 1815 by their great-great-great-grandfather Hugh Madden.

INDIANA COUNTY — Glenn & Marlene Barron, Rd 5, Blairsville, original purchase in 1873 by his great-grandfather Peter Barron.

Robert, Esther & Thomas Cunningham, RD 5, Indiana, original purchase in 1851 by Robert's great-grandfather John Cunningham.

Donald MacIsaac and his mother Lydia McIsaac, RD 1, Rochester Mills, original purchase in 1841 by his great-great-grandparents Hugh & Jane McIsaac.

Helen Mentch Plouse, RD 1, Penn Run, original purchase in 1870 by her great-grandparents George & Catherine Kellar.

Marlin Stephens, RD 1, Homer City, original purchase in 1840 by his grandfather William Stephens.

JEFFERSON COUNTY — Millard & Jean Morrison, RD 1, Brockway, original purchase in 1832 by his great-great-grandfather Robert Morrison.

LYCOMING COUNTY — Milton Landis, Cecil Landis & Kenneth Anderson, RD 1, Trout run, original purchase in 1884 by William Landis.

MONTOUR COUNTY — H. Myron Stine, RD 3, Danville, original purchase in 1860 by his great-grandfather.

NORTHAMPTON COUNTY — Daniel & Deborah Seiple, NorBath Boulevard, Bath, original purchase in 1889 by his great-grandfather Alfred Seiple.

Donald & Geraldine Seipt, Raubsville Road, Easton, original purchase in 1882 by her great-grandfather Peter Leidich.

POTTER COUNTY — Ernst Farms, Geraldine, Lester & Shawn Ernst, RD 2, Port Allegheny, original purchase in 1864 by Tobias Ernst.

SCHUYLKILL COUNTY — Alberta Blyler, Valley View, original purchase in 1876 by her great-grandfather-in-law John Blyler.

SNYDER COUNTY — Nina & Samuel Graybill Jr., Mountain Road, Richfield, original purchase in 1845 by his great-grandfather Christian Graybill.

SOMERSET COUNTY — El Sher Farm, Elwood & Sherry Yoder, RD 2, Friedens, original purchase in 1883 by his great-grandparents Jonas & Mary Yoder.

SUSQUEHANNA COUNTY — Helen & Dewey Hunsinger Sr. and Patricia & Dewey Jr., RD 1, Springville, purchased in 1885 by Henry Tyler. (Dewey Jr. is 7th generation on farm dating to 1817, but there was a break in family ownership.)

WYOMING COUNTY — Elizabeth & Raymond Phillips, RD 4, Tunkhannock, original purchase in 1889 by his grandfather Phillip Shupp.

Neil & Karen Tague, RD 1, Tunkhannock, original purchase in 1846 by his great-great-uncle Gilbert Travis.
(1990)

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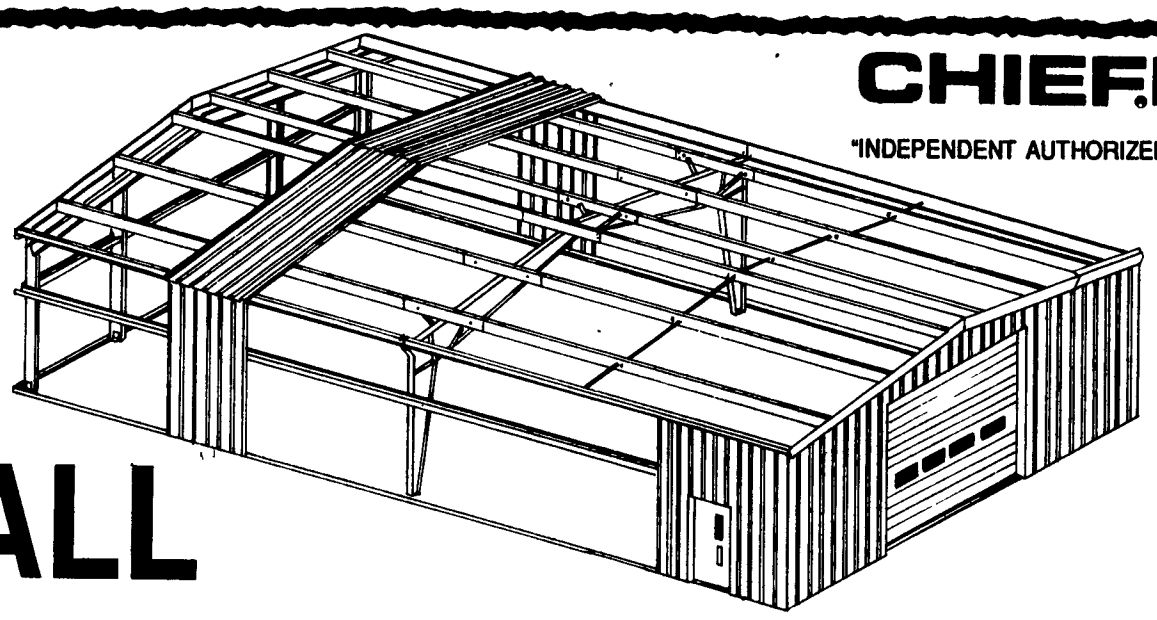

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Hartung Family Hosts Franklin Club

(Continued from Page A1)

the farm," Hartung said, is an important part of the operation. Carbaugh had been employed by the previous owner of the farm, Marshall Witter.

The Hartungs farm 175 acres of alfalfa, 250 acres of corn, 100 acres of grass and 75 acres of small grains. Their 155 registered Holsteins average 20,334 pounds of milk with 764 pounds of fat and 657 pounds of protein.

Speaker and judge for the event, held July 31, was Marlin Hoff, national director and member of the Genetic Evaluation Committee of the Holstein Association, and prominent Holstein breeder from New Windsor, MD.

"Nothing is nearer and dearer to the heart of a true cow man than to see kids involved with cows," Hoff told the approximately 200 local Holstein breeders who attended the event. He encouraged the farmers to let their children get involved with showing their animals. "This will have much value to them for the rest of their lives," he said. "They don't have to have the calf that wins." He cited as an example his own first experience with showing. In 1948, his Ayrshire senior calf placed 12th out of a class of 12 at the Carroll County Fair.

Hoff, who has been a national director for one year, has been involved with the expansion of the facilities in Brattleboro, VT. He said that he hopes the decision to expand the existing facilities, rather than to relocate, will lessen the cost of the association's services to farmers. "This decision was best for the continuity of the association and will cost the least," he said.

The permanent choice option was also addressed by Hoff.

With cows who have been scored over the age of five, the owner now has the option of whether or not to have them scored again.

Hoff also announced that farmers can obtain a free newsletter from the association which will contain computer and software news for farmers.

Hoff, of Coldsprings Farm, milks 400 Holsteins and farms 1800 acres. His RHA is 20,300 pounds of milk with 760 pounds of fat.

A popular event of the Field Day was the judging of three classes of the Hartung's cows. Hoff served as official judge. Winners of the adult division of the contest were Nina Burdette and Craig Woodring, each with a perfect score of 150. Kevin Horst, Richard Crider, Rodney Meyers and Niki Woodring each had 149 points; while Jim Burdette, Nelson Miller, and Brad Beidel each had 146.

In the Youth division of the competition, winners were Donald Harwood, Jim King, Damon Harwood, Joshua Eshleman, and Dale Beidel.

Marlin Hoff, right, National Director of the Holstein Association and prominent Holstein breeder from Maryland, spoke to Franklin County dairy farmers at their Field Day recently. Shown with Hoff are his wife, Kathy, and Robert Rumler, retired executive secretary of the Holstein Association.

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Ag Progress Days To Open August 14

(Continued from Page A1)

conducted at Penn State is transformed into programs that reach all citizens of the commonwealth.

"We'll also give them the opportunity to talk with people in agribusiness, watch some of the latest farm machinery in operation, tour several research and conservation demonstration areas and have a great experience in a family-oriented atmosphere," Hood said.

Ag Progress Days is one of the largest outdoor showcases of agriculture research and technology in the East. More than 250 commercial exhibitors will show and demonstrate approximately $20 million worth of agricultural equipment. The event also features tours of research farms and conservation education areas; exhibits and presentations by Penn State faculty on topics such as water quality, food safety, waste management and biotechnology; a game show with prizes; a working computer classroom; a museum full of antique home and farm implements; exhibits and demonstrations of Pennsylvania's heritage crafts with information on how to start a home-based business; and more.

College of Agriculture faculty and staff have continued their emphasis on exhibits and demonstrations that are exciting and fun to watch, as well as educational.

Animal welfare will be a major focus in the College Exhibits building, with a live animal display that will show different housing options for sows.

"We hope to demonstrate that producers must review a wealth of variables affecting animal welfare before deciding what facilities are appropriate for their enterprise," said Dr. Kenneth Kephart, assistant professor of animal science and coordinator of the exhibit.

Visitors can also learn more about the risk and prevention of respiratory diseases at the Protect Your Lungs exhibit. College of Agriculture faculty will be available to discuss air contaminants both on the farm and in the home. Different types of respirators will be demonstrated and Mediq Healthcare will be on hand to provide free lung-capacity tests.

Biological control of gypsy moths will be the focus of another exhibit. Information highlighting control methods for homeowners will be distributed throughout the event and visitors will be able to view gypsy moths at various stages of growth and observe moths treated with different biocontrol methods.

The College Exhibits building will also feature exhibits on food safety, waste management, agricultural biotechnology and turfgrass and the environment.

At the Home-Based Businesses and Pennsylvania Heritage Crafts Tent, the emphasis will be on helping prospective entrepreneurs get a head start on success. In addition to professional craftspeople exhibiting their work and demonstrating how crafts are made, Ag Progress Days visitors will be able to talk with the artisans and with Penn State faculty and staff about establishing home-based and small-scale businesses themselves.

Visitors also can get timely advice when they "Ask the Experts" in the areas of landscape, lawn and garden; crop and soil science; and dairy and livestock production. College of Agriculture faculty members and cooperative extension agents will be available to answer general questions and deal with specific problems.

Bus tours to the research farms always have been a highlight of Ag Progress Days. A popular new addition two years ago — the special topics research tours — will return. Tuesday's tour will focus on Integrated Crop Management. On Wednesday's Water Quality tour, visitors will travel to the University Park Campus for a tour of the Landscape Management Research Center and the horticulture department's greenhouses. Thursday's tour will highlight research relating to disease and insect control on agricultural crops. While the general research tours run all day long, the special topics tours will run twice a day at 10 a.m. and 1:45 p.m.

Conservation education also will play a major role at Ag Progress Days. The popular soil and water conservation tours will return this year with a regular schedule throughout the day. There also will be special tours and workshops on intensive livestock grazing, integrated pest management, wetland construction, streambank crossings and plant materials.

Young people will enjoy the computer classroom located in the Youth Building, with introductory lessons on the Apple Macintosh computer running throughout the day. The Youth Building also will feature information on career planning, college admission, the 4-H program and the Pennsylvania Governor's School for the Agricultural Sciences. Nearby will be the wildlife exhibit from the Shaver's Creek Environmental Center, with some of Pennsylvania's many animal species.

Machinery demonstrations will have a full schedule and a new emphasis. Five demonstrations each day will feature mowing, pesticide application, conservation planting, hay crop silage chopping and bagging and hay crop silage baling and wrapping.

The Meating Place is back, too. Faculty and staff from Penn State's College of Agriculture will give meat cutting and cooking demonstrations, explaining which cuts are low in fat and preparing the meat three different ways. Visitors can sample the results.

There also is plenty of food to eat, served by many agricultural and community service organizations. Visitors who bring their appetites to Ag Progress Days won't leave hungry.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Russell E. Larson Agricultural Research Center at Rock Springs, nine miles southwest of State College on Route 45, August 14-16. Hours are 9 a.m. to 5 p.m. Tuesday and Thursday, with extended hours of 9 a.m. to 8 p.m. on Wednesday. Admission and parking are free.

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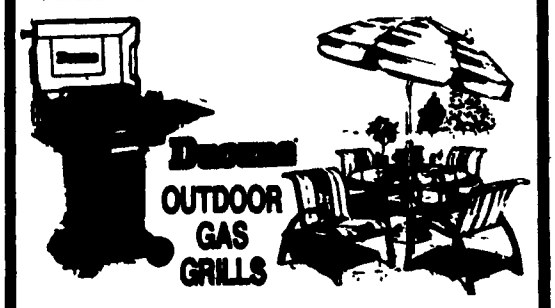

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Lebanon Area Fair Open Holstein Show Has Depth In Quality

VERNON ACHENBACH, JR.
Lancaster Farming Staff

SOUTH LEBANON (Lebanon Co.) — More than 200 entries in the annual Open Class Holstein Show competed in the show tent at the Lebanon Area Fair last week, making it one of the largest county Holstein shows in Pennsylvania.

Lebanon County, which lead the state in average milk production per cow last year, is known for its stiff competition during dairy shows. The Lebanon Area Fair Open Class Holstein Show saw several exhibitors enter the maximum number of animals allowed.

Taking both the coveted premium exhibitor and premium breeder banners were the Dale Hostetter family, of Annville.

Under the farm name of Dale-Pride Holsteins, the family's dairy cattle also captured the top dairy herd class, best three females in the senior division plus other individual animal awards among age group classes.

The top cow however, was a dually owned aged cow, out of Straight-Pine Elevation Pete. Owned by both Dale Hostetter and Tom Lyon, Traskdale Pete An Bast, born Nov. 30, 1983, took titles for grand champion, senior champion, best aged cow, and best udder.

The Hostetter family did not pull a complete sweep of the trophies. The other top titles were spread among a number of animals representing 10 different dairy operations or families.

Dairy Judge Bob Morrell, of Cochranton, said the quality and quantity of dairy cattle was "outstanding" and he said it was not easy to select from among the types since all classes held great depth in quality animals.

The results of the show were:

Named Premier Breeder and Exhibitor of the Lebanon Area Fair Open Holstein Show, the Dale Hostetter clan gathers together to receive the banners. In addition Lebanon County Little Miss Dairy Princess Katie Lentz, who is holding the banner, from the left are: Dairy Princess Teresa Hill; Becky, Gail, Bryan, Kurt, Ernie, Thelma, Dale and Alan Hostetter; and dairy judge Bob Morrell.

On the right, Alan Hostetter holds the show halter of the Lebanon Area Fair grand champion and senior champion cow, Traskdale Pete An Bast. Kirby Horst holds the reserve senior champion and reserve grand champion, Lynncrest Chairman Quest, a 4-year-old owned by Lynncrest Holsteins and bred by Kirby and his wife Sheryl. Presenting the ribbons are Teresa Hill, dairy princess and Katie Lentz, Little Miss.

Kynel Bomgardner smiles after receiving the junior champion trophy and ribbon that were awarded to her senior yearling heifer, Loving-Meadows Mint.

A plaque was awarded to Kirby and Sheryl Horst for having the Best Bred and Owned Holstein at the Lebanon open class show. The class competition was a first time thing for Lebanon, made possible through sponsorship by Morrissey Insurance, of Ephrata. From the left is Lebanon Dairy Princess Teresa Hill, Little Miss Dairy Princess Katie Lentz, Craig Morrissey, the Horsts, and judge Bob Morrell.

Bull Calf
1. David Bomgardner; 2. John Bomgardner; 3. Klinedell Farms.
Jr. Yearling Bull
1. Kevin Bomgardner; 2. Ju-Vindale Holsteins; 3 Samuel Geesaman.
Jr. Calf
1. C&J Dodson; 2. Nelson Bomgardner; 3. Jennifer Bashore.
Intermediate Calf
1. Alan Hostetter; 2. Nelson Bomgardner; 3. Kynel Bomgardner.
Sr. Calf
1. Nelson Bomgardner; 2. Ju-Vindale Holsteins; 3. Little Hill Farm.
Summer Yearling
1. Deborah Vail; 2. Dale Himmelberger; 3. Corwin Bomgardner.
Jr. Yearling
1. Dale Himmelberger; 2. Kraig Sellers; 3. Corwin Bomgardner.
Intermediate Yearling
1. DGK Holsteins; 2. David Lentz; 3. Dale Himmelberger.
Sr. Yearling
1. Kynel Bomgardner, 2. Jesse Bomgardner; 3. Sherry Donmoyer.
Jr. Champion
Kynel Bomgardner
Reserve Jr. Champion
Alan Hostetter
Jr. Best Three Females
1. Loring Meadows; 2. Himmel Valley Holsteins; 3. Ju-Vindale Holsteins.
Dry Cow, 4 & Under
1. Kevin Bomgardner; 2. Harvey Bomgardner; 3. Dream-On Holsteins.
Dry Cow, 5 & Older
1. Ju-Vindale Farms; 2. Klinedale Farms; 3. Barry Donmoyer.
Jr. 2-Yr-Old
1. Ju-Vindale Farm; 2. Klinedale Farms; 3. Melinda Bomgardner.
Sr. 2-Yr-Old
1. Peter Sonnen; 2. Corwin Bomgardner; 3. Becky Hostetter.
3-Yr-Old
1. Dream-On Holsteins; 2. Alan Hostetter; 3. Dale Hostetter.
4-Yr-Old
1. Kirby Horst; 2. Ju-Vindale Farms; 3. Dave Lentz.
5-Yr-Old
1. Nelson Bomgardner; 2. Becky Hostetter; 3. Lynncrest Holsteins.
6-Yrs, Older
1. Dale Hostetter- Tom Lyon; 2. Andrew Bicksler; 3. Lynncrest Holstein.
Sr. Champion
Dale Hostetter- Tom Lyon
Reserve Sr. Champion
Lynncrest Holsteins
Grand Champion
Dale Hostetter- Tom Lyon
Reserve Grand Champion
Lynncrest Holsteins
Best Three Females
1 Dale-Pride Holsteins; 2. Loving Meadows Holsteins; 3. Ju-Vindale Farms.
Best Udder
1. Dale Hostetter- Tom Lyon; 2. Lynncrest Holsteins.
Dairy Herd
1. Dale-Pride Holsteins; 2. Lynncrest Farms; 3. Loving Meadows Holsteins.
Produce Of Dam
1. Klinedale Farms; 2. Ju-Vindale Farm; 3. Sonnen Springs.
Dam and Daughter
1. Ju-Vindale Farms; 2. Barry Donmoyer; 3. Sonnon Springs.
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Premier Breeder
Dale-Pride Holsteins
Premier Exhibitor
Dale-Pride Holsteins

Ag Progress Days **SPECIAL REPORT**

GOOD AIR DISTRIBUTION IS IN THE BAG!

Dan F. McFarland
Multi-County Agent

Swine producers are adopting "all-in-all-out" management techniques for many good reasons. Smaller groups of sows and pigs can be handled more easily for scheduling and better disease control. However, smaller farrowing and nursery rooms may be difficult to ventilate since very low air exchange rates are required during cold weather.

The "polytube air inlet" has provided excellent performance in installations with very low ventilation rates. As the name implies, a flexible plastic "bag" is installed along the ceiling above the farrowing stalls or pens. Small holes, of proper size and spacing, are punched into the sides of the polytube along the length. These holes allow inlet air to exit the polytube at several locations around the room. Tests using colored smoke and air speed meters show that air distribution is excellent throughout the room.

Polytube inlet systems should not be confused with "positive pressure" ventilation systems which use fans to force air into the building. Polytube air inlets work with "negative pressure" ventilation systems where the fans act as exhausters which lower the pressure in the room. Because of this pressure difference, fresh air from outside the room is drawn in through the most convenient opening. In a properly designed system, the polytubes provide the opening and are inflated as inlet air enters the room.

The continuous and mild weather ventilation requirements for each room determine the number and diameter of polytubes needed. Typical polytube sizes range from 10" to 16" in diameter. Experience indicates that polytubes work best when placed approximately 12 feet apart. For good air distribution, the polytube exit holes should not be spaced approximately 18" on center. Inlet air speeds between 200 and 800 feet per minute (fpm) are adequate for good air distribution. Draft problems may occur if air exits the polytube above 800 fpm.

Polytube systems work best when fresh air passes through a "pre-heat" area before entering the animal rooms. This area can be a service alley or "clean" storage room. A single heater may be used to warm inlet air for all the rooms. Warmed air reduces the chance of chilling pigs and has increased moisture holding capacity.

To satisfy the inlet requirements for warm weather operation, self-adjusting baffle inlets are installed along side of the polytubes. These hinged foam baffles open automatically when higher air exchange rates are required. Weighted rods keep the baffles closed until the polytubes are fully inflated.

As an example, consider a 14-sow farrowing room with 7 stalls per row. The continuous, mild, and hot weather ventilation requirements are approximately 280 cubic feet per minute (cfm), 1,120 cfm, and 7,000 cfm, respectively. Proper air distribution is especially difficult during cooler months. With many "standard" inlet designs, it is difficult to reduce the inlet opening enough to maintain a desirable inlet air speed for proper air mixing. With a continuous baffle board inlet across the width of the room, an opening of less than 0.10" is required. Larger openings lead to lower inlet air speeds, which can cause pig chilling drafts. As an alternative, one 10" diameter polytube might be placed above each row of stalls to distribute air evenly throughout the room during the cold weather.

(Turn to Page A53)

Ag Progress Days

(Continued from Page A52)

One important feature of the polytube inlet system is that the operator can monitor the performance of the system by sight. When air enters the tube at a speed of 300 fpm, the polytube inflates approximately 40 to 50 percent. Short circuiting of air from undesirable air inlets such as open windows, or unsealed cracks in summer fan shutters may not allow the polytube to inflate properly. By simply looking at the polytubes the operator can determine how well the ventilation system is working and make adjustments if necessary. This is important when variable-speed fans are used since the air delivery rate is difficult to determine at lower speeds.

Polytube systems are not just for new buildings. In most cases, polytube air inlets may be added to existing farrowing or nursery rooms to improve cold weather air distribution. In installations requiring a polytube longer than 60 feet, a small fan may be needed to assist air movement.

Polytube air inlet systems are relatively inexpensive. Polytubes with custom punched holes range from $0.25 to $0.50 per lineal foot, depending on the diameter. Some additional hardware is necessary for the transition from the pre-heat area and to support the tube.

One disadvantage of the polytube inlet is that the tubes will collect dust and must be cleaned or replaced periodically. Condensation forming on the polytubes is not a problem unless the temperature of the incoming air drops below 35° F.

Remember that properly designed fresh air inlets are only part of a good ventilation system. Good quality fans and controls are also essential components. Select fans that are corrosion resistant, use high efficiency motors, and have a rated performance. Controls should provide reliable service, and housed in NEMA-4 enclosures to protect them from the environment that they "live" in. Install a good min/max thermometer near the controls to monitor the temperature fluctuations each day. Daily fluctuations should be less than 5° F for smaller pigs (< 40 lbs.) and 12° F for larger pigs.

Ram Evaluation Clinic Scheduled

LEESPORT (Berks Co.) — "Studies reveal that one out of four rams is unsatisfactory," said Clyde Myers, county extension agent.

For this reason, a ram reproductive evaluation clinic will be held at the Willow Creek Animal Hospital on August 18, 9-4.

Semen will be collected and checked for quality; the scrotum will be measured; and the ram will be checked for physical soundness. The tests will be performed by Dr. Julie Staver of the Willow Creek Hospital; Dr. Tom Drake, PSU extension veterinarian; and Dr. Clair Engle, PSU extension sheep specialist.

Cost is $20 for each ram tested.

The clinic is the first of its kind in the East," Myers said. Sponsored by the extension office, the clinic is open to all counties, but reservations must be made. Call Myers at (215) 378-1327 or send $20 to Berks Co. Extension Special Account, Berks Agricultural Center, P.O. Box 520, Leesport, PA 19533.

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WED AUG. 15 - 1:30PM, Complete Herd Dispersal-88 Head, at Belleville Livestock Market, Belleville, PA.

WED. AUG. 15 - 6:30PM Hitch, Sale-7:30PM, Horse Sale at Irishtown Stables, for Elam B. Stoltzfus, Ronks, PA.

FRI. AUG. 17 - 1:30PM, Pigs State Graded Sale,

Tour Explores Management

UNIVERSITY PARK, Pa. — As public concern over agricultural chemicals and the environment mounts, more farmers are becoming involved with alternative production methods. The Integrated Crop Management research tour at Penn State's Ag Progress Days will show ways to maximize crop production in an ecologically sound manner.

The Integrated Crop Management tour will be held Tuesday, August 14 at 10 a.m. and 1:45 p.m. at the Russell E. Larson Agricultural Research Center. A bus departing from the corn crib will take participants to the facilities on the horticulture research farm. Tickets are available free at the corn crib before each tour.

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ADVERTISING: lot of wooden boxes, calendars, 100's of old tins, I.P. Reese Hardware, Lancaster umbrella, Rohrers crate, printed seed and burlap bags of local interest, milk crates.

PRIMITIVES: wooden shovel, fork, post hole saw, Superior iron tool box, butter churn, iron troughs, pantry box, hanging light frames, wooden tubs and barrels, demijohns, wooden skis, bag wagon, milk cans, lanterns, cream separator, red seed cleaner with yellow pin striping, seeders, flat irons, tinware, green and yellow Kalamazoo coal cook stove, butcher kettle & furnace, rings, crank wringer, flails, wooden wheelbarrow.

BOTTLES: local milk bottles, Home Hiestand Lititz, Spruce Villa, Crear[illegible]p, Martins, 1858 jars, Hiawatha bottle, W[illegible]ers Safe bottles, misc. bottles, Germany army & navy book, antique license plates & auto blinds, mantle clock & many items not listed.

Estate of:
NORMAN D. BOMBERGER
E.M. Murry Associates
10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
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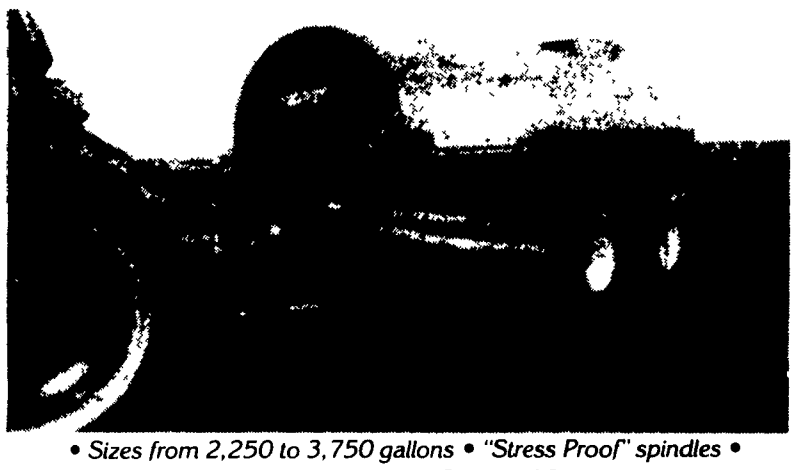
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

Calumet... Better Than Ever!



• Sizes from 2,250 to 3,750 gallons • "Stress Proof" spindles •
• Heavy Duty undercarriage • Choice of flotation tires •
• Fast, even unloading • Pull-type or truck mounted •
• Soil Injectors available •

See The NEW Calumet Rear 4 Shank Injectors On Display At Ag Progress Days
Loc: West 6th St.

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RD 3, Box 84 Mifflinburg, PA 17844
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"We're Here To Serve You"

Advance Notice
"We Are Back In Town"
80 Head Complete Holstein Milking Herd and Bred Heifer Dispersal. Open & Bred Heifers To Baby Calves. All Calfhood Vacc. Fresh Cows. 24 Cows and Heifers due Aug. to Nov. AI Bred Herd of cows. Good udder herd of cows. 21 of these cows are averaging 71.4 lbs. of milk per day including cows to dry off. Dams and daughters. Highest herd in this county. 1990 6 mos. out of tank. 34 cows projected 20,985 lbs. milk. More details next week.
Sale To Be Held At
Smoketown Quality Dairy Sales
Smoketown, PA. 717-393-0930

Three generations of the Ralph Stone family are shown here standing in their spring seeded Pro-Cut alfalfa. This Williamsburg Pa. family grows over 100 acres of alfalfa and has planted **Pro-Cut** for the last two years.

Seeding alfalfa this August?

If so, look to our PRO•CUT Alfalfa for those acres. Maybe its fast startability, winter hardiness and a 23 disease resistance rating could add a little extra "umpf" to your summer seeding effort. And, if everything clicks along the way, you could have an exceptional field of alfalfa when first crop rolls around next spring.

We have a good supply of PRO•CUT on hand and can deliver it fast. Just give us the word. Pricing is the same as last Spring and discounts are available.

Check out PRO•CUT for your summer seeding needs or get a head start on next spring's planning. Whichever your situation we think you'll like what you find out about PRO•CUT, our Company and our way of doing business.

Call **1-800-346-4769** *today for all the information and the name of your closest Dealer.*

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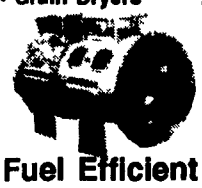
REGISTER TO WIN
Igloo Set of 3 Coolers
(Value $40.00)
Winner To Be Announced

AUGUST 14, 15 & 16 LOCATED: West 5th Street

GSI GRAIN BINS AND ACCESSORIES
Factory Warehouse Prices

- Weight-Tronix Feed Mill
- Grain Bins
- Feed Bins
- Wet Tanks
- Utility Augers
- Grain Dryers
- Transport Augers
- Bucket Elevators
- Stirring Systems
- Air Drying Systems

Also Available For Air Drying Computerized Aeration Monitor



Fuel Efficient Vane Axial Gas Heaters

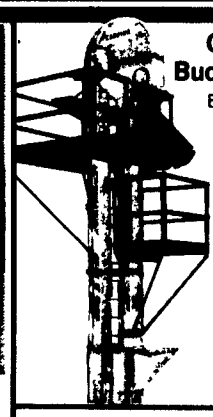
Airstream Agri-Floor Systems

Direct Drive Grain Spreaders

Galvanized Bucket Elevator
Bushel Capacities Available

550 Bushel Per Hr
825 Bushel Per Hr
1100 Bushel Per Hr
1500 Bushel Per Hr
2000 Bushel Per Hr
2500 Bushel Per Hr
3000 Bushel Per Hr & Up

CARDINAL PRODUCTS



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100% Welded Construction

All Sizes Available
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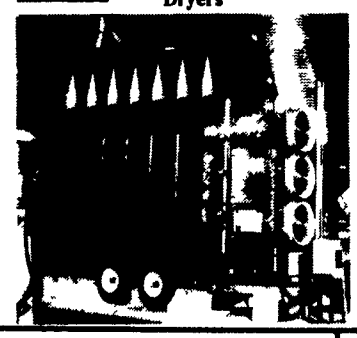
- Nursery
- Grower
- Finishing

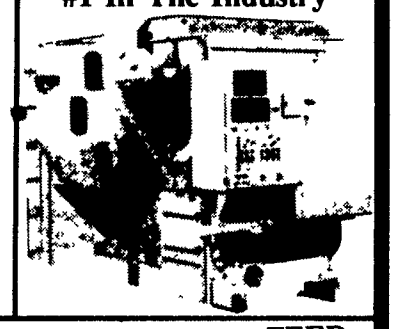
FARM FAN
Automatic Batch Or Continuous Flow Dryers



B&W GRAIN AERATOR

$89.99

WEIGH-TRONIX FEED MIXER
#1 In The Industry

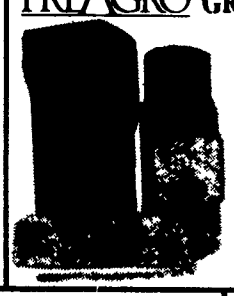


Double Dipped Galvanized FEED LOT PANELS

34" Hog $14.99
52" Cattle..... $17.99

GSI FEED BINS & FLEX AUGER SYSTEMS

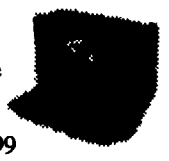
PREAGRO GRAIN TESTER



SAVE $100
Reg. $279.99
SHOW PRICE
$179.99

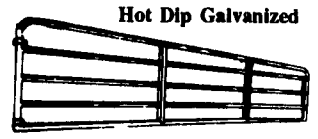
FREE-FLO POLY-TUF FEEDERS

10 Hole
Reg. $89.99
SALE **$79.99**



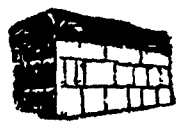
4 Hole
Reg. $69.99
SALE **$59.99**

FARMASTER FARM GATES
Hot Dip Galvanized



6'	$29.99	12'	$46.99
8'	$37.99	14'	$55.99
10'	$41.99	16'	$59.99

PLASTIC SHEETING
Heavy 6 Mil. Thick Blade Polyethylene 100 Ft. Rolls



20' Wide.. ..... $45.99
24' wide..... $54.99
28' wide..... $63.99
40' wide..... $89.99

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NEW LOW COST AERATION SYSTEM

Ideal For All Types Of Flat Storage Facilities
The Grain-Aire™ protective screen maximizes air flow.
This durable material features 30 percent open area to allow for unrestricted airflow. This woven polypropylene screen prevents restriction of the perforations and maximizes airflow by providing 360° aeration.

1 HP - 12" Fan
Reg. $299.99
SALE...$239.99

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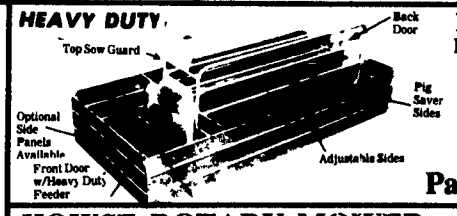
European Style



Hot Dipped Galvanized $225.00
Painted $179.00

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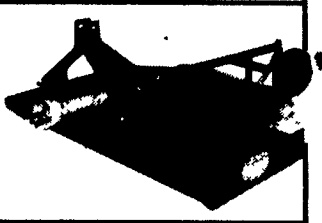
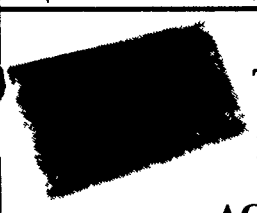
High Pressure Washer

Trigger Gun - 900 P.S.I. $329.00
33' Hose 1000 P.S.I. $399.00

HOWSE ROTARY MOWER
3 PT. & PULL TYPE

Model	Width	Reg.	SALE
600S	6'	$689	$ 639
600P Pull Behind	6'	$899	$ 795
7000	7'	$1159	$1069





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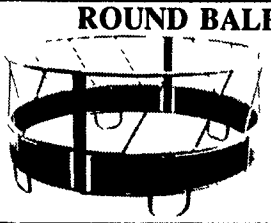
THE ORIGINAL DELPHI FLAT TOP 3 GAUGE HEAVY DUTY GALVANIZED WOVEN WIRE FOR HOGS

SIZES AVAILABLE IN STOCK: 4x8, 5x7

AG PROGRESS DAYS ★ SPECIAL PRICE ★
SHOW PRICE..... Per Sq. Ft.

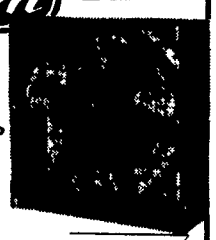
ROUND BALE FEEDERS

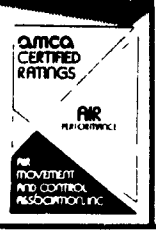


Red $129.99
Red w/Panel.... $149.99
Galv..... $169.99

DAYTON BELT DRIVE FANS
36", With ½ HP Galvanized
Reg. $329.00
$219.00

48", With 1 H.P.
Reg. $479.00
$369.99
Full Line Of All-Aluminum Shutters Available
Starting At $29 99





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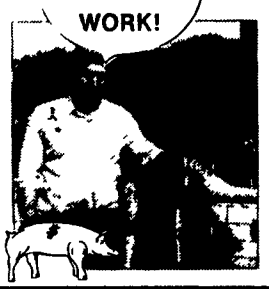
List $9.75
Our Reg. Price.... $5.99
Super Sale Price **$4.99**

EDSTROM nipple waterers WORK!



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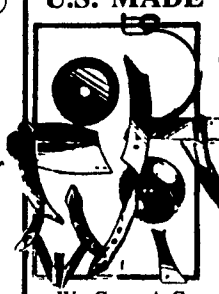

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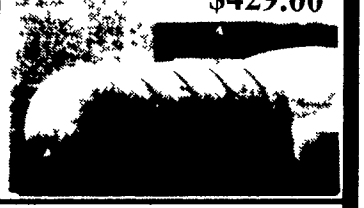
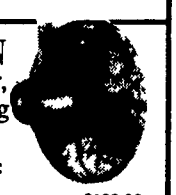
Truckloads In Stock • 1500 Gallon
All Sizes Available Poly Tank
$429.00



24" CIRCULAR FAN
Dayton w/Grill Motor, Switch & Plug



SINGLE SPEED:
SALE-Each $119.99
4 to 7 .....$109.99
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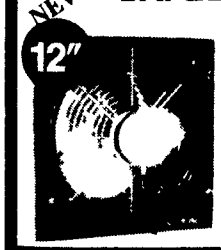
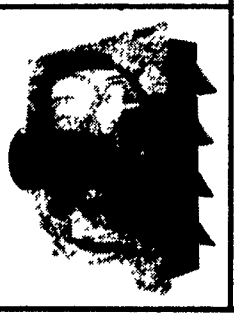
THE NEW TAFCO GALVANIZED 12"



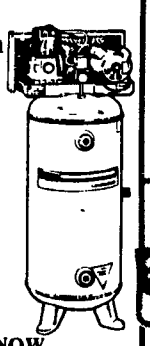
12"-Single $79.95
Variable.....$99.95
16"-Single $115.95
Variable.....$139.95
20"-Single $139.95
Variable.....$159.95
24"-Single $189.95
Variable.....$219.95

PLEASANTAIRE FAN
STANDARD FANS



12"-Single	$139.99	Variable	$192.99
14"-Single	$145.99	Variable	Not Available
16"-Single	$153.99	Variable	$199.99
18"-Single	$166.99	Variable	$225.99
20"-Single	$185.99	Variable	Not Available
24"-Single	$209.99	Variable	$275.99

SANBORN AIR COMPRESSOR
5 HP
60 Gallon Tank
Reg. $599



NOW **$499.00**

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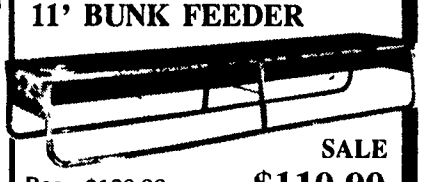
Model 1500 BALE CARRIER

11' BUNK FEEDER



Reg. $129.99 SALE **$119.99**

TRAIL WITH EASE QUALITY HEAVY DUTY KORY WAGON GEARS

5 Ton Gear w/Std. Tongue, 5.00x15.....$449.99
6 Ton Gear w/Std. Tongue, 6.00x15.....$499.99
8 Ton Gear w/Adj. Tongue, 8.00x15.....$599.99
10 Ton Gear w/Adj. Tongue, 8.00x15.....$739.99
Less Tires

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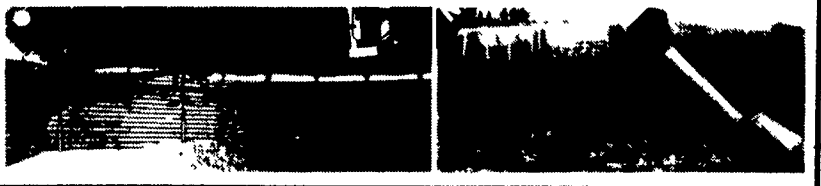
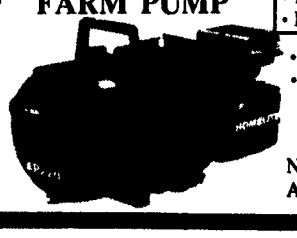


3 HP, 2" FARM PUMP



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- Nozzles
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- Fittings
- Corrosion Resistant
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Sat. 7:30-5:00

UPS Shipping Point

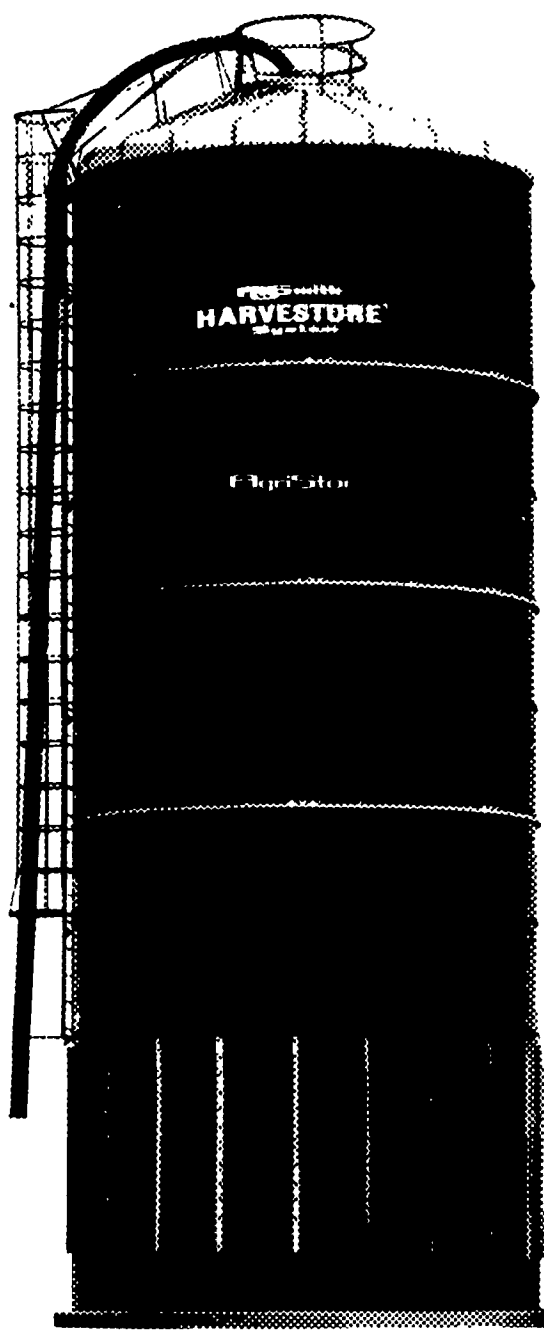
8-11

The most important part of Penn Jersey's Ag Progress Days display?

150 Years of Experience

Our exhibit will be fully staffed with experienced
Harvestore® Systems personnel all three days!

Slurrystore® Systems display including A.O. Smith and Sahlstrom pumps



AgriStor Credit Corporation representative on hand Wednesday

2060 Harvestore structure display

Huge inventory of pre-owned Harvestore structures, including some available at a low 5.95% implicit rate and one-year delay payment

Pre-owned and Remanufactured Goliath® Unloader display

AND... INTRODUCING THE NEW **WIDE SIDE™ Goliath Cutter Chair.**

LOOK FOR US AT THE 2060 HARVESTORE STRUCTURE!

The results you may achieve with your Harvestore® System depend primarily upon your management skills and may vary from successful results achieved by others Any application to a particular farming operation requires the advice of qualified experts and is subject to limitations of good management, weather and other conditions present at the individual location

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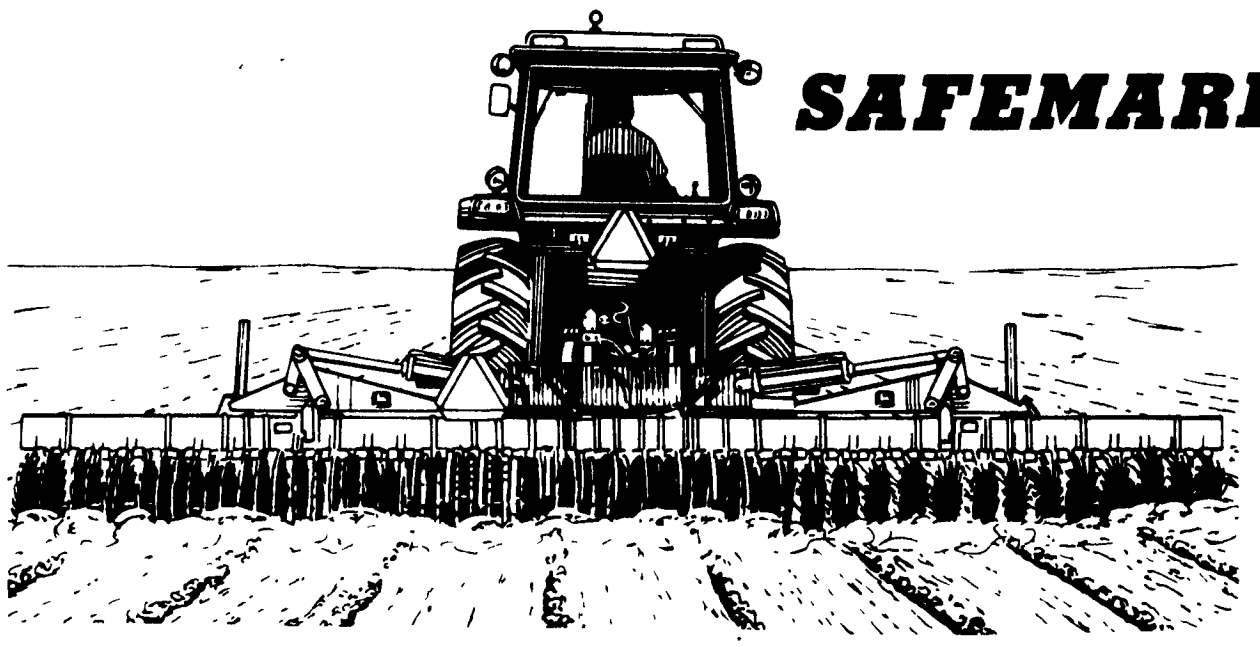

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FACTORY TO FIELD

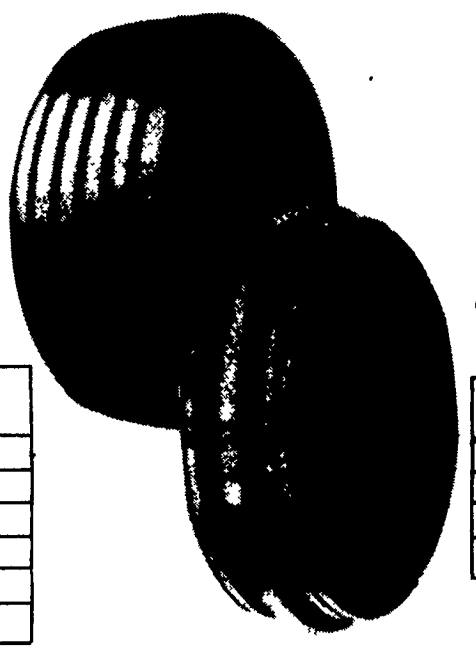
FARM TIRE SALE

ENDS 8/31/90

FARM UTILITY TIRE
Strong, Long Wearing

$36.00
760-15 TUBETYPE
6-PLY

SIZE AND DESCRIPTION	SALE PRICE
9.5Lx15 Tube Type 8 Ply	~~$40.00~~
11Lx15 Tube Type 8 Ply	~~$45.00~~
12.5Lx15 Tube Type 8 Ply	$60.00
12.5Lx15 Tube Type 10 Ply	$79.00
12.5Lx16 Tube Type 12 Ply	$79.00
12.5Lx16 Tube Type 14 Ply	$83.00



SAFEMARK
Premium Three-Rib Tractor Front Tire

$29.00 500x15 Tubetype 4 Ply

SIZE AND DESCRIPTION	SALE PRICE
600x16 Tube Type 6 Ply	$42.00
750x16 Tube Type 6 Ply	$60.00
1000x16 Tube Type 8 Ply	$89.00
1100x16 Tube Type 8 Ply	$109.00

MULTI-ANGLE MB

- Excellent drawbar pull with long-bar, short-bar lugs for improved traction
- Designed for improved stability and roadability, plus reduced vibration.
- Strong angle-braced lugs have self-cleaning design
- High-strength polyester cord body and heavy duty rim shield help protect tire from damage

SIZE AND DESCRIPTION	SALE PRICE
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SUPER SPORT AT RADIAL

- Excellent Off-Road Traction And Lug, Even Wear On The Highway
- Two Steer Belts For Strength And Stability
- Smooth Riding Polyester Radial Cord Plugs
- Wide, Flat Footprint Gives Positive Traction In All Positions

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P21575R15	$67.00
P23575R15	$73.00
LT23575R15XL	$99.00
30x950R15	$99.00
31x1050R15	$109.00
31x1150R15	$118.00
33x1250R15	$129.00
LT23565R16 (E)	$118.00

ECONOMY RADIAL

- All-Season Tread Design Fights Hydroplaning
- Double Steel Belts Protect Against Bruises And Punctures
- Distinctive Outline Black Lettering

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Take A Glimpse Of The Old Bedford Village

LINDA WILLIAMS
Bedford Co. Correspondent

BEDFORD (Bedford Co.) — Time turns backward giving visitors to Old Bedford Village a respite from the hectic pace of present day living.

Crossing over the wooden covered bridge into the Village, one quickly realizes that, this is what it used to be like prior to the days of milking machines, fast moving combines and the computer age of farming.

To the left is a field of sheaved wheat put there with an antique binder run by one of the Village farmers.

"We always have a farmer on staff," says Jim Thompson, a member of the Village's public relations team. "Some of them have been retired farmers and others are running part-time farms."

The Village centers around a day when farmers raised their own sheep, spun their own wool and did their own weaving. Demonstrations on these arts are given throughout the day.

Most of the Village buildings are authentic. They were log houses, searched out from the hills of Bedford County and transported to the Village by an old Penn-Elec truck and an Army pole truck.

The Village was begun in 1974 when Reverend Robert Sweet, then a county commissioner, and the late William Jordan, president of the Bedford Heritage Commission, began trying to develop an historical, educational attraction that would attract tourism to Bedford County.

"What better way," says Sweet, "than to capitalize on the history that was alive in our very surroundings."

The Egolf Farm at the Village has a healthy looking vegetable garden with red beets, squash, tomatoes, and other summer vegetables. An herb garden interests many visitors as they try to remember the use for the various herbs which include camomile, tansy, parsley, marjoram, tarragon, several species of mint.

The gardening is done in a raised style. "Characteristic of the early farmer's gardening," says Don Ward, curator at the Village, "but also popular today."

Farm animals are limited but young pigs and goats as well as a mule and a team of working horses delight the children who visit the Village.

A young stand of fruit trees will some day provide the orchard found on every farm in the 1700 and 1800s.

On special occasions at the Village much of the antique machinery is demonstrated. A steam engine is used to run a logging operation and threshing with steam engines is demonstrated.

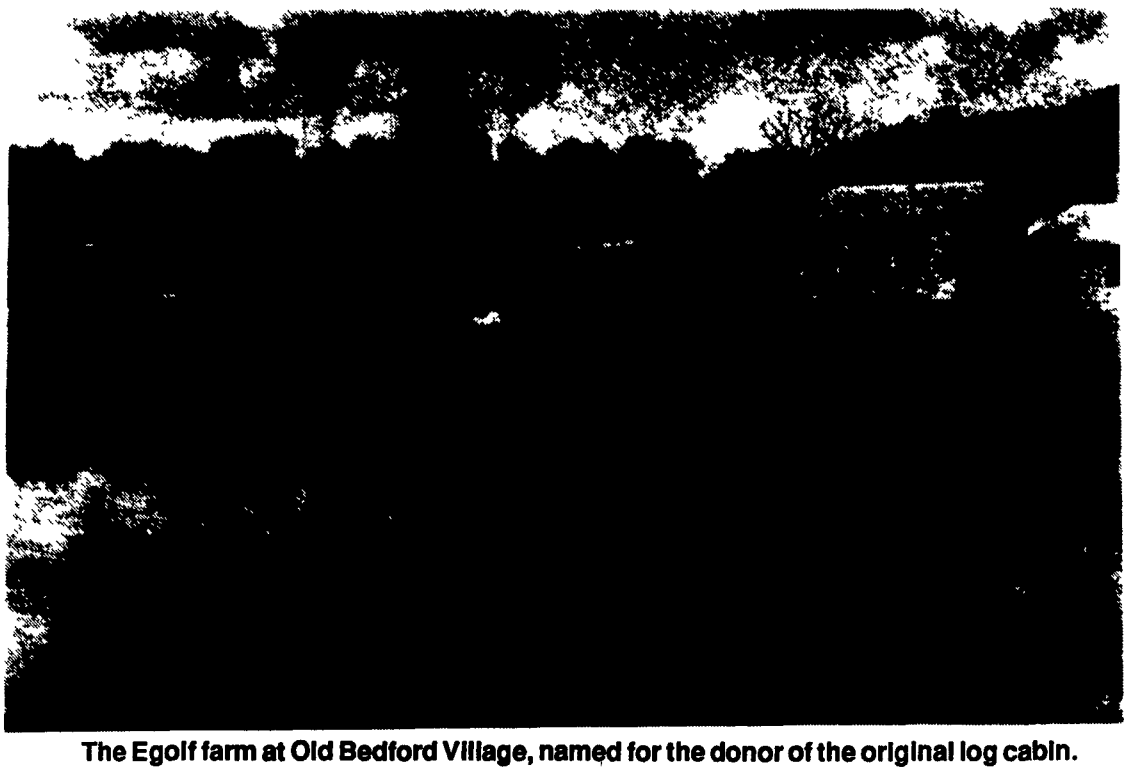
The blacksmith shop beside the farm reminds us of the skills that many farmers found necessary in the 1700s and 1800s, the time period which encompasses the Village.

The uses for many of the herbs are displayed in the Village pharmacy.

A broommaker's shop contains a machine used to tighten bristles from 1878. Broom corn is grown in the farm garden and used to make some of the brooms.

The Williams cabin is a somewhat unpleasant reminder that slaves once helped on farms in Bedford County. The cottage was transported to the Village from a farm located in Cumberland Valley. The guide reminds visitors that, crude as it seems, it has the addition of wooden floors and glass windows. These were luxuries not enjoyed by the black slaves who occupied the cabin.

Upstairs, beds are softened somewhat by stuffing the mattresses with corn husks. "Not comfortable," said one visitor, "but when you worked that hard, anything would seem soft at the end of the day."



The Egolf farm at Old Bedford Village, named for the donor of the original log cabin.

The Village buildings are authentic. The log houses were transported to the village from the surrounding Bedford County hills.

Lois Devorin of Severna Park, Maryland, demonstrates the art of spinning to visitors at the Village.

A general store reminds visitors that, while farmers grew most of their own food in the Village era, they still depended on trips to town for some items. Treats of candy, molasses, honey, and bolts of fabric decorate the store.

Children growing up on farms in the early days of Bedford County might have attended either of the two schools located at the Village.

The Knisely school is the typical little red schoolhouse while the eight square schoolhouse has a special distinction.

Built in 1851, the school was used in Bedford County until 1932. Legend tells us the school was built with eight sides so the devil could not corner the students.

In reality, it was easier to heat, gave better light and could seat more students.

The delightful Green Thumb employee who acts as a guide, Lulu Wigfield, at the school recently celebrated her 88th birthday. She reminds visitors that in farming communities, school was only held four months of the year. Children were needed at home the rest of the year.

Hunting, now a popular sport in Bedford County, was a necessity in the days of the log cabins. The gunsmith shop located on the premises contains some of the original Bedford County rifles.

Other crafts actively done at the Village include tinsmithing, candlemaking, and pottery.

Finished products are offered for sale in a replica 18th century barn. The barn was reconstructed from logs of Bedford County barns.

The Village is open throughout the summer months with special occasions scheduled for many weekends. A Halloween event puts the Village to rest until Christmas when it again opens for a special holiday observance.

Lulu Wigfield acts as a guide at the little red school house.

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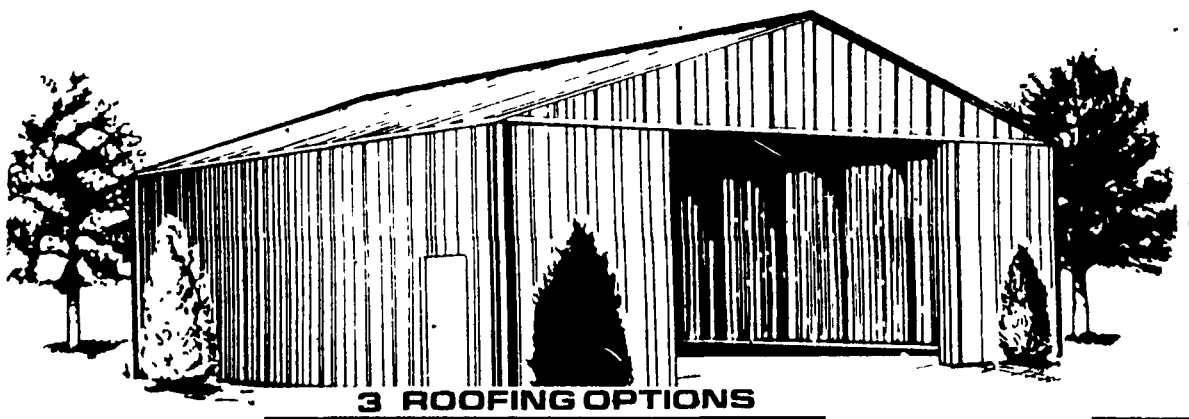

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40' x 64'-12'	$8,175	$ 8,350	$ 8,235
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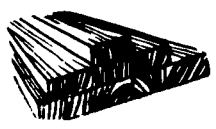

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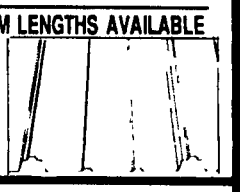

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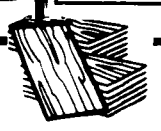

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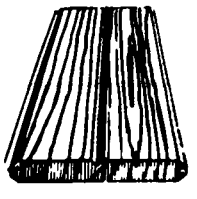

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CARTER 1990

MICROWAVE MINUTES

By JOYCE BATTCHER

When I see all the luscious-looking summer fruits at roadside stands and supermarkets, my mind wanders home to fresh fruit pie.

The fresh fruit pies I think of on hot summer days are light, refreshing ones made with a quick micro-cooked crust, a thickened sauce and fresh fruit.

A pastry crust microwaves in about five minutes — about half the time used in conventional baking — and keeps your kitchen cool. Prepare it according to directions below. I've included directions for adapting your favorite conventional-crust recipe or for thawing and using a frozen store-bought crust.

As in conventional baking, do not stretch the pastry when putting it into the pan. Form the pastry firmly down over pan edges so it doesn't shrink during cooking. And prick bottom and sides well for a flat crust.

For microwaving, it's important to not press the pastry firmly in the pan or it will stick after cooking. Since pastry doesn't brown, brush the top edges with vanilla or dark corn syrup. Watch carefully toward end of cooking and remove from microwave before any spots start to brown. Use potholders to remove from microwave — the pie plate gets very hot from the heated fat in the crust.

I've also included No-Roll Whole-Wheat Pastry Crust, an easy recipe that adds the goodness of wholewheat flour. As its name says, it's no-roll — all you do is mix ingredients and pat them into the pie plate.

The fillings, too, are cooked quickly in your microwave. The advantage here also is convenience. On the range-top, you'd have to watch carefully and stir constantly to prevent burning. In your microwave, there's no worry. In Fresh Peach Pie, the fruit is heated with sugar and lemon juice to release juices. This makes a richer fruity flavor than if water were used to produce the glaze. Addition of a small amount of orange extract adds a subtle touch.

In Fresh Three-Berry Pie, the glaze's flavor comes from the strawberry- or respberry-flavored gelatin. Microwaving the gelatin with the hot glaze helps thoroughly dissolve it.

Pastry crust —

Prepare pastry crust according to your favorite recipe, being sure to cut fat thoroughly into flour. (Particles should be size of crumbs.) Add 2 to 3 drops yellow food coloring to liquid ingredients before mixing.

Roll out and place in microwavable pie plate, being careful not to stretch dough. Prick bottom and sides well with fork. Brush top edges with vanilla or dark corn syrup. Microwave (High) 4 to 6 minutes, rotating pie plate and watching carefully during last part of cooking. Pastry is done when top looks dry and blistered and feels firm. Makes 1 deep or regular 9-inch crust.

Frozen crust: Thaw 1 to 3 minutes on Medium Low or according to package directions. If in foil pan, first remove crust from pan while still frozen by bending pan edges and popping crust out into a microwave-safe pie plate. Continue as above.

With a low-watt microwave: Microwave 6 to 9 minutes.

No-Roll Whole-Wheat Pastry Crust

¾ cup whole-wheat flour
¾ cup all-purpose flour
Dash salt
½ cup oil
2 tablespoons water

In microwavable 9-inch regular or deep pie plate, stir together flours and salt. Drizzle with oil and water; then stir with a fork until dry ingredients are completely moistened.

With a fork or fingers, pat dough into pie plate, forming high fluted edges first and then patting dough evenly into center. Prick edges and bottom well with a fork. Microwave (High) 3 to 5 minutes, rotating pie plate and watching carefully during last part of cooking. Crust is done when top looks dry and blistered and feels firm. Makes 1 deep or regular 9-inch crust.

Each serving — ⅛ of crust (without whipped cream): 162 calories, 3g protein, 10g fat, 17g carbohydrate, 0 sodium, 0 cholesterol.

Fresh Peach Pie

9-inch pastry crust o No-Roll Whole-Wheat Pastry Crust (above)
5 cups thinly sliced peeled peaches
2 tablespoons lemon juice
1 cup sugar
3 tablespoons cornstarch
2 tablespoons sugar
½ teaspoon orange extract

Prepare pastry crust as above and cool completely. Stir together peaches, lemon juice and 1 cup sugar in a microwavable 2-quart measure or bowl. Cover with plastic wrap. Microwave (High) 2½ to 3 minutes, stirring after 2 minutes, or until fruit is warm and juices begin to form. Do not cook peaches. Let stand, covered, 5 to 10 minutes.

In a microwavable 1-quart measure, stir together cornstarch and 2 tablespoons sugar. Gradually stir in juice formed by peaches, mixing well. (There should be about 1 cup of liquid; if not enough juice, add water to make 1 cup). Stir in about ¼ cup of peach slices. Cover remaining peach slices and set aside. Microwave cornstarch mixture on High for 4 to 5 minutes, stirring after each 1 minute, or until bubbly and thick. Stir well and cool completely. Do not refrigerate.

Lightly brush about a tablespoon of glaze over cooled pastry crust. Gently stir together cooled glaze with fruit and the additional liquid that has formed. Spoon into cooled pastry crust. Refrigerate at least 4 hours or until firm. If desired, serve with whipped cream. Makes 6 to 8 servings.

Each serving — ⅛ of pie (without whipped cream): 275 calories, 2g protein, 8 g fat, 51g carbohydrate, 138mg sodium, 0 cholesterol.

Fresh Three-Berry Pie

9-inch pastry crust or No-Roll Whole-Wheat Pastry Crust (above)
¾ cup sugar
2 tablespoons cornstarch
1 cup water
1 package (3 ounces) strawberry or raspberry gelatin
2 cups sliced fresh strawberries
2 cups fresh blueberries
1 cup fresh raspberries

Prepare pastry crust as above and cool completely. Stir together sugar and cornstarch in microwavable 2-quart measure or deep bowl. Gradually stir in water until smooth. Microwave (High) 3½ to 4 minutes or until bubbly and thick, stirring once after 2 minutes. Immediately stir in gelatin, mixing well. Microwave (High) 30 seconds to thoroughly dissolve gelatin; stir well.

Cool until slightly thickened. Gently stir in berries and pour into cooled crust. Refrigerate at least 4 hours or until firm. If desired, serve with whipped cream. Makes 6 to 8 servings.

Each serving — ⅛ of pie (without whipped cream): 274 calories, 3g protein, 8g fat, 50g carbohydrate, 138 mg sodium, 0 cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Batcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

1990 Extra Newspaper Features

Some Like It Lean

UNIVERSITY PARK (Centre Co.) — Selecting and preparing lean cuts of meat is the focus of presentations at The Meating Place at Penn State's Ag Progress Days, August 14-16.

"Lean meats often require special cooking techniques in order to bring out their best flavor," says Dr. William Henning, assistant professor of animal science.

The Meating Place will feature pork on Tuesday, beef on Wednesday, and veal on Thursday. Faculty and staff from Penn State's College of Agriculture will give meat cutting and cooking demonstrations, explaining which cuts are low-fat and preparing the meat three different ways. Visitors can sample the results.

Representatives from the Pennsylvania Beef Council, the Pennsylvania Pork Producers, the Pennsylvania Veal Council and the Pennsylvania Sheep and Wool Growers will distribute educational materials on the nutritive value of various cuts of meat and the place of meat in a well-balanced diet.

The Meating Place is located at the corner of West 8th and Main Streets. Visitors should check the Ag Progress Days program for the exact times of the cutting and cooking demonstrations.

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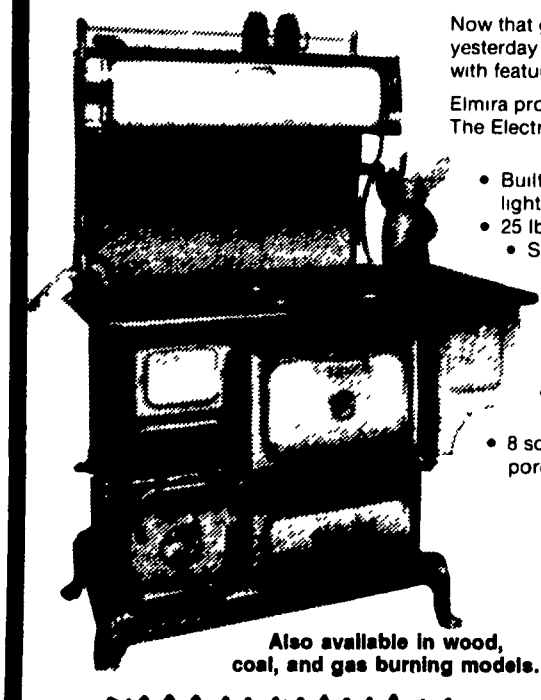

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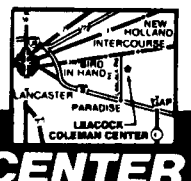

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Maryland Dairy Princess Cheers For The Real Team

Jennifer Trout, Stacey Guyton, and Marcia Summers competed for the Maryland Dairy Princess title.

EVA MARTIN
Maryland Correspondent

FREDERICK, MD. — Stacey Guyton of Jefferson was crowned the 1990 Maryland Dairy Princess at the 29th coronation held in the Grand Ballroom of the Holiday Inn. Four other contestants, who were winners of their area contests, competed for the state crown: Cindy Fell, Upper Shore; Heather Frey, Washington Co.; Tanya Iager, South Central; and Jennifer Trout, Baltimore-Harford.

Contestants and audience were welcomed by Lester Dudrow, treasurer of the MD. Dairy Princess Committee. He commented that Maryland's active Dairy Princess Committee and the enthusiastic contestants are a tribute to the dairy industry and asked for continued support. A rendition of the Lord's Prayer was performed by harpist, Lynelle Ediger.

Jack Remsberg, renowned cattle photographer and long time friend of the dairy industry, served as master of ceremonies. He introduced the judges for the contest Jan Harding, chairperson of the Pennsylvania Dairy Princess Committee; Betty Jane Hunt, chairman of New Jersey Dairy Princess Committee and William Hill, Holstein Consultant.

Early in the day, each contestant met with the judges for a fifteen minute interview, presented their dairy promotion skits and taped a thirty-second radio announcement. The evening contest consisted of a brief oral resume and introduction of family and friends present. Each princess gave a presentation skit. These skits will be used throughout their reigns for the promotion of milk and dairy products. The impromptu question each had to answer was, "What do you feel is your most important goal as dairy princess?"

Cindy Fell's skit was "Fortunes told by Madame Buttermilk". She explained how to eliminate osteoporosis from our future by the use of dairy products. She stated her most important goal as dairy princess would be to promote dairy products.

Milk was a teammate on Heather Frey's basketball team. It gave her the added quickness on defense, extra strength on offense and finally the winning edge. Heather's goal as dairy princess was to restore enthusiasm concerning the promotion of dairy products and to get more girls involved in the contest on local and state level.

A player in the Real Seal Baseball Team was the star of Stacey Guyton's skit. She emphasized the importance of real dairy products for a healthy and balanced diet, so Cheer, Cheer for the Real Team! Her goal as dairy princess is to help consumers become aware that dairy farmers feed the country and to help area farmers promote their products.

Tanya Iager portrayed on elderly lady school teacher, stressing the nutritional value of milk and other dairy products to her students, in rhyming form. Emphasizing to the consumer that "milk is good and good for you" was Tanya's goal.

The story of the "Three Milk-ateers" was read by Jennifer Trout. The three brothers; skim milk, low fat milk, and whole milk use calcium as their weapon to rid the village of the evil osteoporosis. She wants to promote dairy products, especially to the elderly and young children to combat and prevent osteoporosis.

Frederick County's Stacey Guyton, was crowned the new 1990 Maryland Dairy Princess. Jennifer Trout, Baltimore-Harford Co., was named first runner up. Jennifer also received the Miss Congeniality award and the best skit award was given to Cindy.

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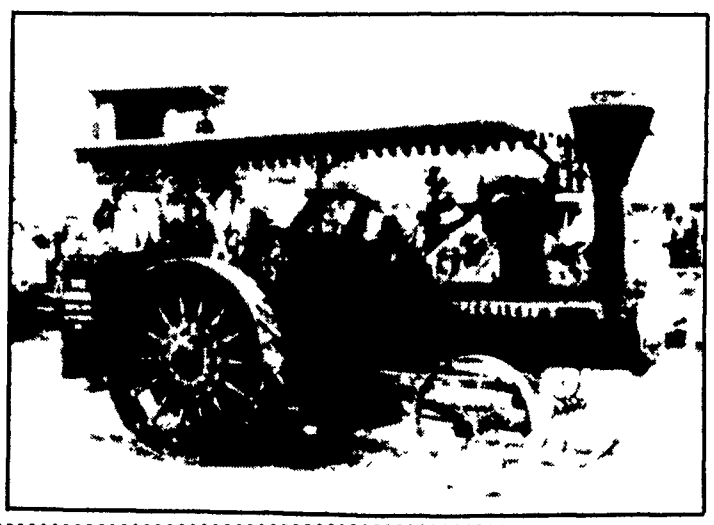

Steam trains and traction engines will be huffing-puffing, and their whistles blowing. Threshing machines, a saw mill and many other examples of early agricultural equipment will be on display and in operation. We also have several displays of large and small stationary steam and gas engines. This year's gathering of antique farm tractors will be bigger and better than ever, and will be featuring **"Massey-Harris."**

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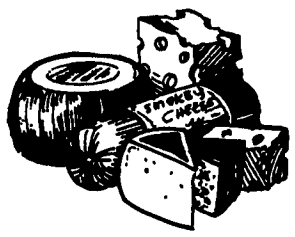
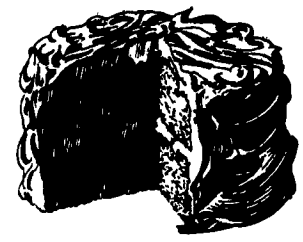


Home On The Range



What Can You Do With Fruit?

What tastes better than fresh fruit? Not much. Even so, most fresh fruit is consumed as snack food, not eaten at mealtime. According to a recent study, 46 percent of fruit is eaten as snacks; 21 percent is eaten during lunches, 10 percent at breakfast, and 13 percent at dinner.

When it comes to a sit-down family and friends dinner, tradition calls for fruit to be cooked, sugared, or prepared with other ingredients.

Because fresh fruit spoils quickly, cooks have found ingenious ways of preserving it. Mostly it has been done through pie fillings and jellies, and from the looks of our mail, these methods are still our readers favorite ways.

GROUND CHERRY PIE

2½ -3 cups ground cherries
1 cup sugar
1½ tablespoons flour
pinch cinnamon
1 tablespoon water

Make enough dough for a two-crust pie. Line pie pan. Mix dry ingredients together and sprinkle some on pie shell. Cut cherries in half and fill pie shell. Be generous. Sprinkle rest of dry ingredients over cherries and add one tablespoon water. Cover with top crust. Seal edges. Bake at 375° for 40-45 minutes.

Nancy B. Hoerr
Ottsville

CHERRY DREAM SQUARES

1 package white cake mix
1¼ cups rolled oats
½ cup butter or margarine, softened
1 egg
21 ounces cherry pie filling
½ cup chopped nuts
¼ cup firmly packed brown sugar

Heat oven to 350°. Grease 13x9 pan. In large bowl combine cake mix, six tablespoons margarine and one cup oats. Mix until crumbly. Reserve one cup crumbs for topping. To remaining crumbs add one egg, mix until well blended. Press into prepared pan then pour cherry pie filling over crust. Spread to cover. To reserved crumbs, in large bowl, add remaining ¼ cup oats, two tablespoons margarine, nuts and brown sugar. Beat until thoroughly mixed. Sprinkle over cherry mixture. Bake at 350° for 30 to 40 minutes or until golden brown. Cool completely. If desired, serve with whipped cream.

Anna Hostetter
Selinsgrove R3

CHERRY PUDDING

1 cup sugar
1 cup butter flavored Crisco
1 cup milk
3 eggs
4 cups flour
1 pint cherries or other fruit
1 teaspoon baking powder

Put in cake pan and bake 35-40 minutes at 350°.

This is a very old recipe that my mother uses. She's now 72.

Norma Baum

CHERRY PUDDING

Combine and let stand:
1½ cups boiling water
½ cup sugar
2 cups cherries

Batter:
1 cup sugar
½ cup butter
1 cup milk
2 cups flour
2 teaspoons baking powder
¼ teaspoon salt

Mix batter and pour into a greased and floured pan and pour cherry mixture over top. Bake 35-40 minutes at 350°. Use 9x13 pan.

Here is a really good recipe for cherry pudding taken from a Grange cookbook. Mrs. Ellis Shellenberger is credited in the cookbook with the recipe. It is excellent!

Pat Eimerbrink
Duncannon

Bonnie Calak
Westtown, NY

STRAWBERRY JELLY/JAM

4 cups crushed berries
7 cups sugar or less

Boil good five minutes or a little more. Remove from heat and add two teaspoons epsom salt to thicken. Stir five minutes until foam goes away, then jar, put paraffin on top or cold pack 10 minutes. You can also freeze it.

K. Landis
Jonestown

"EASY" MICROWAVE APPLE CRISP

¾ cup flour
¾ cup oatmeal
¾ cup brown sugar
⅔ stick butter
½ teaspoon cinnamon

Crumble together and put on top of one can apple pie filling in a 8x8 microwave dish. Microwave about 15 minutes. Delicious over a scoop of vanilla ice cream.

Bobbie Jo Gutshall
Cumberland County
Dairy Princess

BANANA NUT CAKE

⅔ cup shortening
2½ cups flour
1⅔ cups sugar
1½ teaspoons baking powder
1 teaspoon baking soda
1 teaspoon salt
1½ cups mashed bananas
⅔ cup buttermilk
2 eggs
⅔ cup chopped nuts

Stir shortening to soften. Sift in dry ingredients, add banana and half of buttermilk; mix until flour is dampened. Beat for two minutes. Add remaining buttermilk. Add the eggs, beat two minutes longer, fold in nuts. Bake for 35 minutes at 350°. Top first layer with icing and banana slices then add top layer and icing (when cool).

Mary Ann Feyer
Tamaqua R1

GRAPE WINE

One quart and one pint fruit (grapes) to one gallon jug with 2½ pounds sugar, fill with water. Let this stand in sun about six weeks. Fill after with water as it ferments. When done strain off clear wine. Cover top of jug with a cloth tied to keep out insects or put a glass jar upside down on top.

E.M. Stauffer
Loveville, MD

FUZZY NAVEL

1 cup milk
1 cup orange juice
½ cup sliced peaches
2 scoops vanilla or peach ice cream

Combine in blender until smooth and creamy. Serves two.

Jacy Clugston
Lancaster County
Dairy Princess

CANNED STRAWBERRY JAM

2 quarts strawberries, fresh or frozen
1 package low methozyl pectin
40 packets Equal tabletop sweetener
4 (8-ounce) freezing containers

Mash strawberries to make four cups pulp or use food processor. Add pectin, allow to stand 5-10 minutes. Cook in microwave-safe pan 4-5 minutes until it comes to a boil. Stir every two minutes. Boil one minute. Add Equal, mix. Fill containers to ¼ -inch from the top and freeze. Yields 4 (8-ounce) containers. Portion is one teaspoon - approximately 4 calories per portion - diabetic exchange, free.

Cynthia R. Druck
Red Lion R1

APPLE CRUNCH

Mix together like pie crust:
1 cup flour
1 cup sugar
1 teaspoon baking powder
¼ teaspoon salt
2 tablespoon butter

Add 1 beaten egg to moisten

Sprinkle mixture over a quart, peeled, sliced apples. Bake ½ hour in moderate oven. Serve with whipped cream or ice cream.

Marie Kinsinger
Oakland, MD

Pineapple Berry Fruit Frost is a great way to cool off on a hot day.

PINEAPPLE BERRY FROST

1 fresh pineapple
2 cups sliced strawberries
1 cup nonfat milk
1 tablespoon sugar
1 teaspoon lime juice
¼ teaspoon grated lime peel

Cut pineapple in chunks. Place pineapple chunks in plastic bag and freeze overnight. Break frost fruit apart. Place one-half strawberries, milk, sugar, lime juice and lime peel in blender; whir until pureed and frosty. Spoon into dessert dishes or tall glasses. Repeat with remaining half of ingredients. Serves 4.

APPLE DIP

1 cup sour cream
¼ cup butter, melted
¾ cup firmly packed brown sugar
¼ teaspoon vanilla extract
Apple slices to serve

In a small bowl, combine sour cream, butter, brown sugar, and vanilla. Blend well. Cover and refrigerate at least two hours before serving. Serve as a dip with apple slices. Yields about 1½ cups of dip.

Dauphin Co. Dairy Promotion

(Turn to Page B8)

Featured Recipe

"It's as American as apple pie," this saying is heard across the country. Proof that a freshly baked apple pie is an all-time American favorite.

Across the state, Pennsylvania's finest bakers painstakingly prepare their secret family recipe with hopes of winning the third annual Blue Ribbon Apple Pie Contest at the state Farm Show in Harrisburg.

But before anyone can enter state competition, each must first win a blue ribbon at a local fair. An apple pie contest was held at the Lebanon Area Fair last week. Melody Hostettler showed her creativity and her bakings skills with an unusual apple pie. Her recipe appears in a feature article in this section about the apple pie contest. Second prize went to Rosene Bollinger of Newmanstown. Her recipe appears as the featured recipe. Try both these pies, but don't forget to enter your own apple pie at a Fair competition near you.

Streusel Apple Pie

Place 3 cups sliced apples in an unbaked pie shell and sprinkle with ½ teaspoon cinnamon. Mix the following together:
⅔ cup sugar
2 eggs
2 tablespoons softened butter
½ teaspoon vanilla
1 3-ounce cream cheese

Cream butter, sugar, and eggs. Add vanilla and cream cheese. Blend until smooth.

Crumbs:
⅓ cup brown sugar
¼ cup flour
2 tablespoons butter
¼ cup chopped nuts

Mix sugar, flour, and butter with fork until it forms coarse crumbs. Add nuts.

Spoon cream cheese filling evenly over apples and top with crumbs. Bake at 375 degrees for 45 minutes. Bake at 350 degrees for 15 minutes. Cool and serve.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

August	**18-**	Salads
	25-	Cooking with Tomatoes
September	**1-**	National Chicken Month

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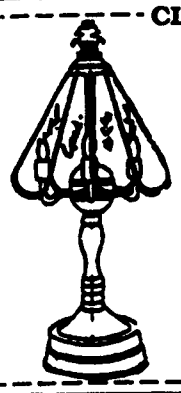

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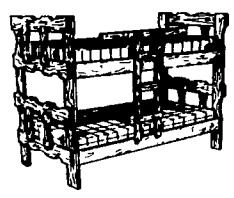

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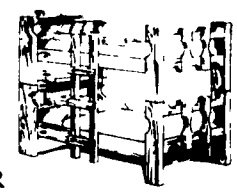

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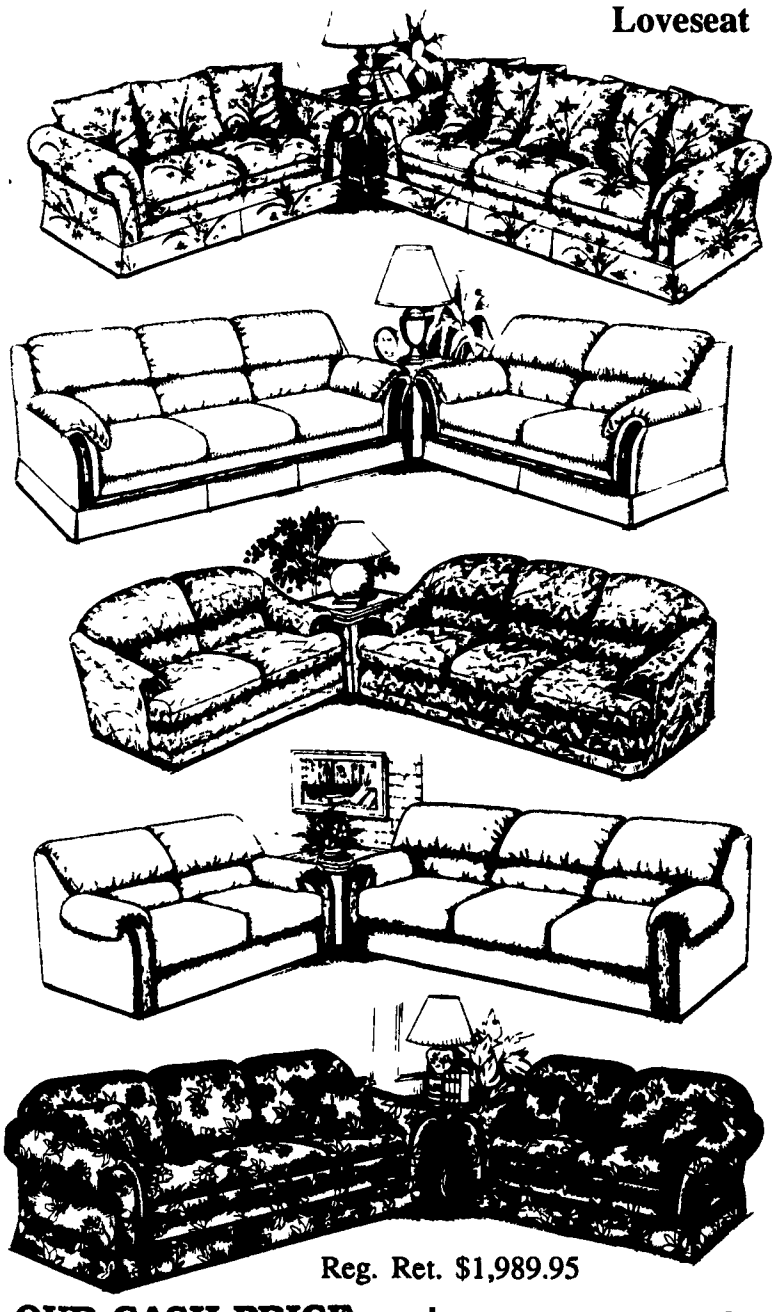

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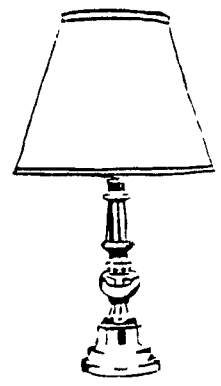

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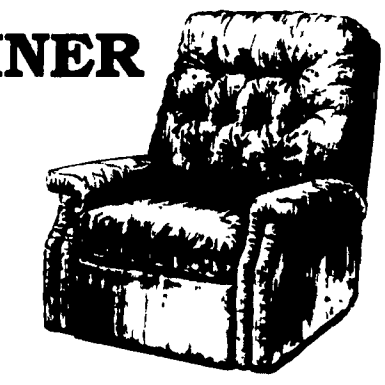

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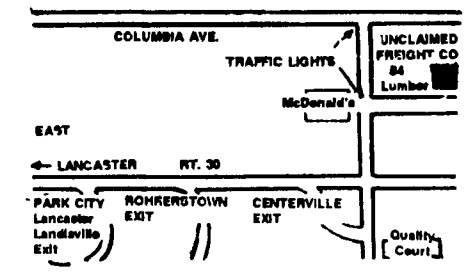

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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — N.E. Koons, Lebanon, wanted Serbian cookie recipes.

QUESTION — June Berger, Annville, would like a recipe for crumb buns similar to those sold at markets.

QUESTION — Sue Ambers, Duncannon, would like a recipe for candy sponge bars like those from Mantango's. She would also like a recipe for the cole slaw that tastes like that served by Red Lobster. *Editor's Note: Because this paper is distributed in many states, restaurant names are unfamiliar to many of our readers.*

QUESTION — R. Stoltzfus, Narvon, would like a recipe for peanut butter melt aways.

QUESTION — Frances King, Keedysville, Md., would like a recipe for Belgium waffles similar to those served at Penn Alps, Grantsville, Md. They are extra thick and crisper than ordinary waffles.

QUESTION — Jean Ash of Bridgeport, W.Va., would like recipes for turtle, fresh catfish, and bass.

QUESTION — Sue Baughman, Ronks, would like a recipe for cupcakes that are vanilla or coconut flavored and that form a bubbly crust on top when baked.

QUESTION — Margaret Greiff, Sidman, would like a recipe for Russian torte.

QUESTION — Mrs. Zimmerman, Fleetwood, would like a recipe for a creamy coleslaw that can be frozen.

QUESTION — A Bird-in-Hand reader would like a recipe for green pepper jelly. She would also like a recipe for broccoli soup to can in which the milk can be added when ready to use.

QUESTION — A reader from Leetonia, Oh., would like to know how to make dairy sour cream.

QUESTION — Jeannette Cooper of Upper Black Eddy would like a recipe for light, white fruit bread similar to that sold at Shady Maple. It can be made with strawberry, blueberry, peach and even spinach.

QUESTION — Verona from Virginia requests recipes for zucchini bread and diabetic recipes for vegetables, meat, fruit, and desserts.

QUESTION — Mrs. Harry Rauck Sr. of Strasburg would like a recipe to make onion rings that stay good and crisp and do not get soft.

QUESTION — Estella Fink, Allentown, would like a recipe for corn salad.

QUESTION — Mrs. William Lucas Jr, Warfordsburg, would like a recipe for German Bratwurst.

QUESTION — Fern Gerth, Reading, would like a recipe for light fluffy blueberry pancakes.

QUESTION — Elma Kline, Orangevill, would like a recipe for Pittsburgh Potatoes, that she thinks are baked in a cream sauce with pimento.

QUESTION — A reader from Denver would like a recipe for spaghetti sauce.

QUESTION — Jean Aurand, New Bloomfield, would like a recipe for granola bars that are made with honey and oatmeal.

ANSWER — Jeannine Cummins, Berlin, wanted a recipe for banana pickles. Thanks to an anonymous contributor for the following.

Banana Pickles

1 cup vinegar
1 cup water
3 cups sugar
1 teaspoon salt
1 teaspoon mustard seed
1 teaspoon celery seed
1 teaspoon tumeric

Pare large cucumbers; slice lengthwise and cut out seeds. Bring syrup to boil. Pack cucumber strips into jars. Pour syrup over cucumbers. Seal. Cold pack for 10 minutes. Makes 3 quarts. Pickles can also be cut in cubes, French cut, and other shapes, if desired.

ANSWER — Carolyn Troutman, Sunbury, wanted a stuffing recipe (enough to fill a pig) for a pig roast. Thanks to Julia Shaull, Brogue, who just had a stuffed pig roast — and got lots of compliments on the stuffing. The first recipe stuffs a 170-200 pound hog and feeds 50-75 people. Thanks to a reader from Hegins for sending a similar recipe.

Pig Stuffing

16loaves bread, cubed
4 dozen eggs
2 stalks celery, chopped
3 pounds onions, chopped
Parsley flakes
5 pounds margarine, melted
Salt and pepper to taste

Stuffing for 100 Pound Pig

16 loaves bread, cubed
3 dozen eggs
5 pound onions
2 pounds oleo
4 to 5 bunches of celery
1 quart milk
1 pound butter
Parsely
Saute onion and celery in butter and mix.

ANSWER — M.A. Moyer, Reinholds, had requested a recipe for drying string beans. An answer appeared, but did not specify whether or not the beans needed to be blanch. Moyer wrote again and asked whether the beans should be blanched before drying. I don't know, but here are directions from another reader, Mrs. William Wiand of Beaver Springs.

Drying String Beans

Yellow or green string beans or snap beans. Snap beans, wash; boil 5 to 10 minutes. Drain and put in large cake pans. Place in 200 to 250-degree oven. As beans dry, turn oven to a lower temperature. Stir. If beans are placed in the oven during the morning, they should be dry by evening. If not, put oven on warm until dry. Store in airtight containers. Contributor writes, "I cook them with cured ham and I drop a few soup beans in with them.

ANSWER — Kathleen Haak, Bainbridge, N.Y., requested recipes for liver and for oatmeal. Thanks to an anonymous contributor and to Eva Southard who sent the following.

Braised Liver With Vegetables

1½ pounds beef or calf liver
Seasoned flour
½ cup hot bacon drippings
2 diced carrots
2 seeded chopped green peppers
6 small onions
1 cup sliced celery
1 cup boiling water or stock

Cut liver into 1-inch slices. Dredge it with seasoned flour and brown liver in bacon drippings. Cover liver with vegetables and add water or stock. Cover it. Simmer the stew for about ¾ hour or until the liver is tender. Add, if necessary, more boiling water and seasonings. Calf liver will be tender in about 20 minutes. Serves 6.

Liver Dumplings

3 slices bread
1 pound liver, membrane remained
1 medium onion
1 cup parsley sprigs
1 egg
3½ tablespoon flour
1 teaspoon salt
¼ teaspoon pepper

Make bread crumbs. Grind liver, onion, and parsley in food grinder. Add egg, flour, salt and pepper and mix well. Drop by tablespoon into boiling beef broth or V 8-juice. Simmer about 10 minutes.

ANSWER — Mrs. Harold Kuchler of Coatesville requested a nutritious recipe for dog food with lots of eggs. Thanks to an anonymous contributor who wrote that she grew up on a chicken far. "We fed the dogs lots of cracked raw eggs. The dogs were the healtiest and the nicest shiny fur that I've ever seen." She cautions that the dogs must get used to eggs gradually; otherwise, it will cause diarrhea. Thanks also to a reader for sending the following recipe.

Dog Biscuits

1 pound whole wheat flour
2 eggs
1 cup broth, chicken, beef, etc.
1 teaspoon garlic salt
1 teaspoon onion salt
1 teaspoon garlic powder
1½ -2 teaspoons wheat germ

Mix, roll, cut and bake at 350 degrees until hard.

Fruit

(Continued from Page B6)

CANNED GRAPE JELLY

2 cans (11.5 ounces) no-sugar added frozen concentrated grape juice
1 can water
1 box low methoxyl pectin
20 packets Equal tabletop sweetener
4 (8-ounce) canning jars

Use 8-ounce jars with two-piece lids. Empty Equal packets into small bowl. Pour juice and water into large microwave - safe pan. Add pectin, stir. Let stand 5-10 minutes. Microwave on High (100%), stirring after four minutes, continue cooking until full boil is reached. Boil for one minute. Remove from heat, add Equal and stir well. Pour into hot jars. Fill to ¼ inch from top. Adjust lids and rings. Process five minutes in boiling water bath. Remove jars immediately after processing. Jelly may be frozen before processing. Store in a very cool place or refrigerate. Yields 4 (8-ounce) canning jars. Portion is one teaspoon - approximately 5 calories per portion - diabetic exchange, free.

Cynthia R. Druck
Red Lion R1

CHERRY DELIGHT

1 package graham crackers
½ cup butter
8-ounces cream cheese
1 cup nuts
1 cup confectioners' sugar
1 package Dream whip

Mix graham crackers and melted butter. Press in a 13x9-inch pan. Bake 10 minutes at, 350 degrees. Follow the directions on the Dream Whip box. Add confectioners' sugar, cream cheese, and nuts. Spread over crust and cover with thickened cheeries.

Irene Kinsinger
Oakland, MD

COUNTRY FRIED APPLES

Peel enough apples for your family, then slice them. Melt three tablespoons butter or margarine in medium skillet. Add apples and cinnamon to taste. Simmer 20-30 minutes over medium heat, stirring occasionally. The sauce will thicken as it simmers. This is a very good recipe for a Sunday dinner or a family get together.

Linda Frazier
Rohrersville, MD

BLUEBERRY PIE FILLING

3½ cups fresh blueberries
¾ cup + 2 tablespoons granulated sugar
¼ cup + 1 tablespoon Clear Jel A
1 cup cold water
3½ teaspoons bottled lemon juice
3 drops blue food coloring (optional)
1 drop red food coloring (optional)

Select sweet, very ripe but firm, deep blue fruit. Wash and drain blueberries. Combine sugar and Clear Jel A in a large kettle. Stir. Add water and, if desired, food coloring. Cook on medium high heat until mixture thickens and begins to bubble. Add lemon juice and boil one minute, stirring constantly. Fold in berries, fill jars immediately with mixture, leaving one inch headspace, and process 30 minutes (at altitude up to 1,000 ft., 35 minutes up to 3,000 feet, and 40 minutes over 3,000 ft.) in boiling water canner, preheating canner half filled with water to 180° F.

TAKING TIME

by Rebecca Wolf

Extension Home Economist

When Your Family Experiences Loss

In our office this past week, people were scurrying around, pulling together their job priorities for the coming year. As I planned to help families in my county, I read the list of issues Pennsylvanians had identified as important.

The top two issues had these phrases ". . . families lack the skills to deal with changing economic circumstances . . ., retirement planning, intergenerational transfer of assets." and ". . .families experiencing problems casued by poverty, unemployment, changes in family composition, and conflict between work and family lack knowledge about how to cope . . ."

I was reminded of how unsettling change can be.

Change and loss. Just when we think we've finally learned how to manage, something changes. And change means loss — loss of anticipated income, loss of family, loss of confidence, loss of support.

Some families will be experiencing this firsthand as children leave for college in a few weeks. That teen may have helped you get the field work done. He may have been in the buffer between you and your spouse. Now your family has to adjust.

Perhaps someone in your family has died recently. Again this means major adjustments. How can you deal with loss without it overwhelming you?

To get a grasp on the loss, ask these questions:

Is it permanent or temporary?

Was it unexpected or anticipated?

Has your identity, sense of security, or self-confidence been affected?

Is more than one loss occurring at the same time?

It is always important to admit and express your feelings about a change or loss. Be honest. Even if the feeling seems inappropriate. Do you feel happy that your father died? Are you angry or jealous that your husband was recognized as the outstanding farmer when you put in long hours too? Do you feel like a failure because you need to get glasses?

Some people aren't comfortable talking about these feelings. Perhaps you could write them down. Share them with a friend in a letter.

Expect to feel numb, to feel confused, to feel desperation. But also expect, eventually, to experience renewal.

To be renewed, we need to find ways to meet our personal needs — needs that the loss leaves unfilled. Each of us needs to feel connected to others, to be loved, to experience affection, recognition, and approval. We seek a sense of status and power.

As you face change, remember to take good care of yourself physically and emotionally. Try these ideas: play with a pet, soak in a tub, listen to some favorite music, cook for fun; smile at strangers, take a "how-to" course, do something for someone else.

If you need to make decisions, be sure to gather the information you need, so you don't feel like someone else is railroading you or that you're choosing blindly. List options. There is always more than one choice. Choose the best one, and make a plan to carry it out.

And on top of all else, accept help from those around you. Friends, neighbors, and family can provide companionship, information, and encouragement as you take risks to deal with change.

Adjustment starts when you accept the loss and become determined to live beyond it. It's a matter of taking time.

4-H Fair Fun

There's fun for the entire family at the 1990 Montgomery County 4-H Fair, August 16 to 18. The Fair is open to the public from 6:00-9:30 p.m. on Thursday, August 16, 1:00-9:30 p.m. on Friday, August 17, and from 9:00

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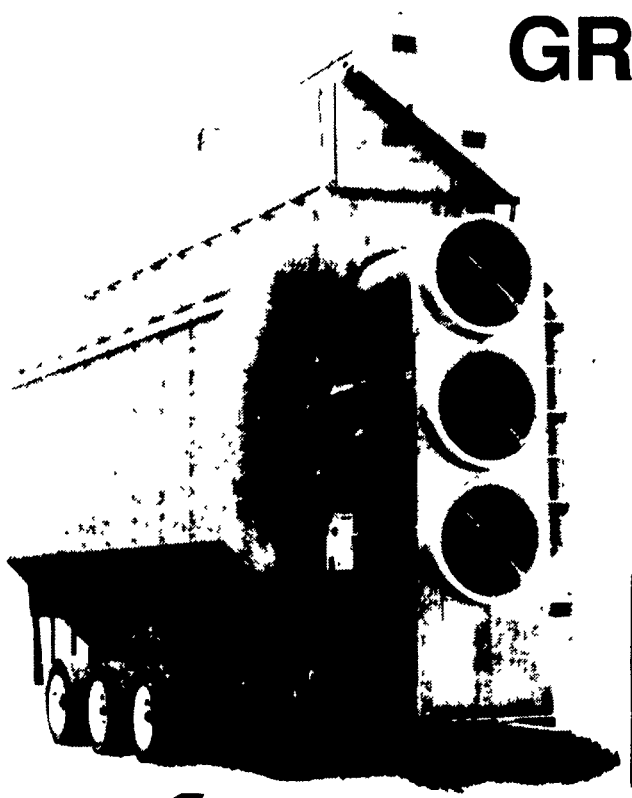

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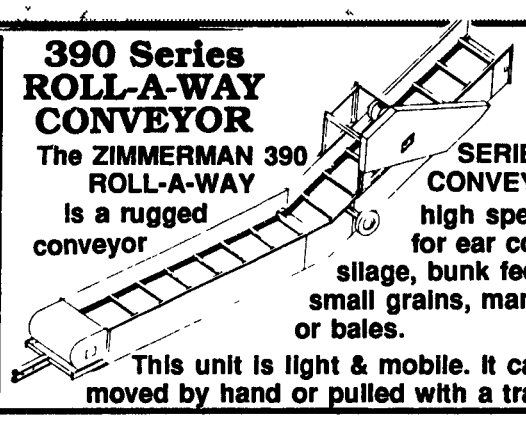

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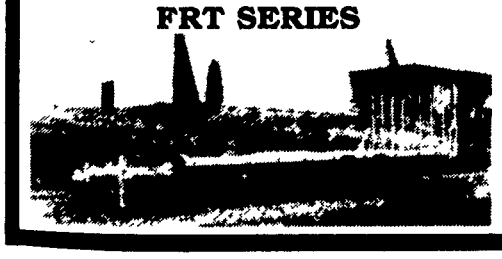

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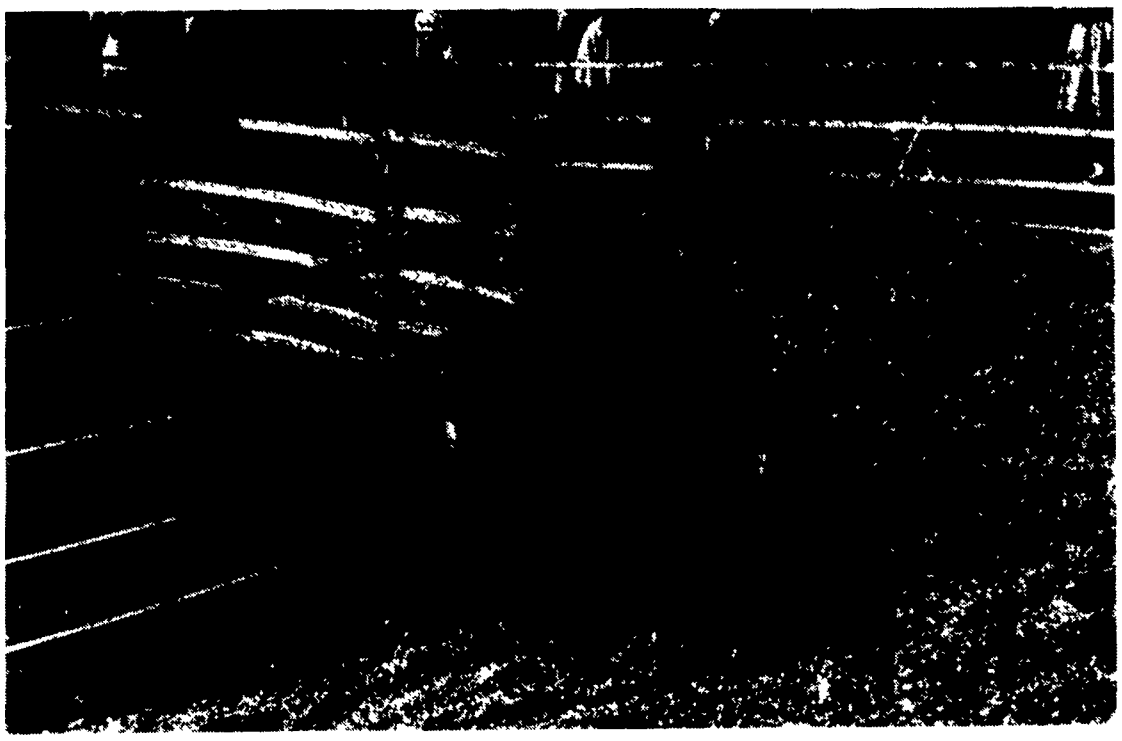
Happenings For Kids At The Lebanon Area Fair

For the reward of a chocolate chip cookie, these highly trained racing pigs jump hurdles and race around the track. There are 11 units of the racing pigs that appear at 250 festivals and fairs across the U.S. Make sure you get to see a pig race.

Inside the main exhibit building, Lebanon Fair Princess Kristen Bucher shows a portion of the many entries in Lebanon Area Fair non-livestock competitions.



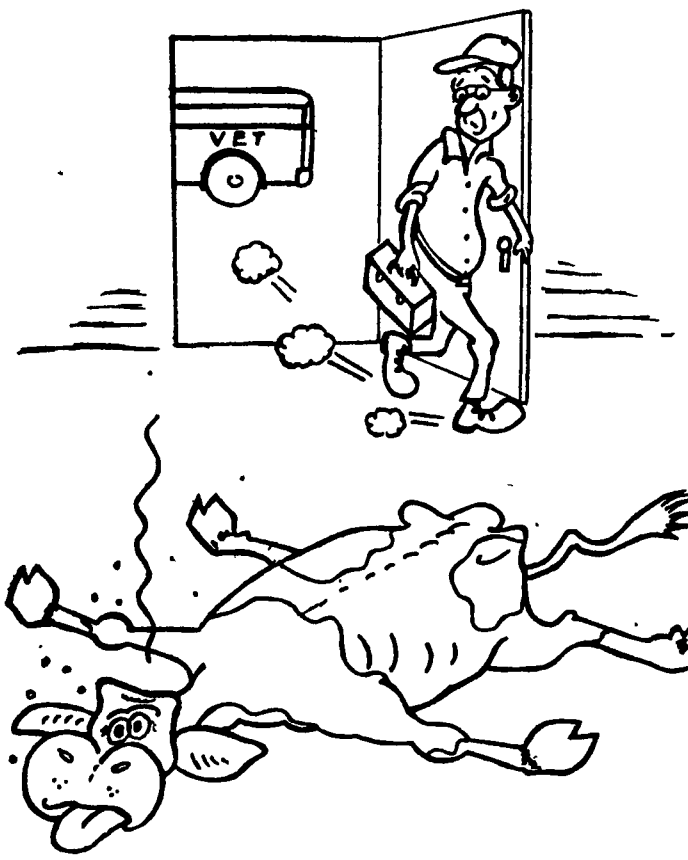
"Come one, come all. One minute to go. We will race no swine before it's time," the message was broadcast over the Lebanon Area Fairgrounds.

It was there that the oddest, most unusual, cutest, and the ugliest pigs showed their racing ability to the crowd that gathered. In the above picture, Carmelita Gonzales streaked around the corner, but not fast enough to beat her sister Rosita, the kissing pig.

Seeing double? These pair of twins, Michelle Ungemach (left) and Jennifer Ungemach, show off their pair of twin Saanen kids during Lebanon Area Fair .

While dairy fitting competitions go on in the backround, Tony Mase (left) and Joel Bomgardner find that the sawdust under the Lebanon Area Fair livestock show tent provides escape from the sun and a good place to use a toy tractor and manure spreader.

Kid's Korner



Cow doctors (veterinarians) help sick cows.

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

By Doris W. Thomas
Extension Agent - Family Living

Now Is The Time To Enjoy Sweet Corn

August is the month when Lancaster County sweet corn reaches its peak -- both in quality and quantity. Now is the time to enjoy fresh corn in family meals and to preserve corn for good eating in the coming months.

Whether you are purchasing corn to eat fresh or to preserve, there is a great deal of truth in the old saying -- "Fifteen minutes from the field to the kettle." I realize this is impossible for most people, but remember that corn's natural sugar turns to starch at an astonishing rate, so the sooner you eat corn after picking, the sweeter it's going to be.

Whatever you do, don't pick (or buy) corn and then leave it sitting on your kitchen counter to wilt and lose its sugar. If you're not cooking it immediately, refrigerate the corn, in its husks, as soon as you walk in the kitchen. If space is limited, shuck the corn and refrigerate it in perforated plastic bags.

Cooking Corn On The Cob

Boiling -- Drop shucked corn into a large kettle two-thirds full of boiling water. The cooking time will vary from four to seven minutes, depending upon the size and age of the corn. Never salt the water because salt will toughen corn. Many good cooks add one tablespoon sugar to cooking water for sweetness. Remove an ear from cooking water at the end of four minutes and taste; it should be slightly crisp. Serve with butter or margarine, salt and pepper.

Steaming -- Put one-inch water in a steam and bring it to a boil. Place corn on rack and steam for 6 minutes. Remove an ear and taste. Cooking time will range from 6 to 10 minutes.

Microwaving -- This method of cooking enhances the flavor and nutritive value of corn. Corn may be microwaved in its husk or it may be husked and individual ears wrapped in plastic before placing them in your oven. Ears may also be arranged in a baking dish with ¼ cup water added and covered with plastic wrap. Microwave on high allowing two to three minutes per ear depending on size and age.

Estimate total time required and microwave this amount of time. Turn corn and microwave remaining time. Allow corn to stand for five minutes before serving. Cover corn microwaved in its husks during standing time.

Preserving corn, whether by freezing or canning is a great deal of work, but worth the effort if you are a corn lover. For best results follow the following directions.

To freeze corn -- Corn must be blanched to retain its color, flavor and nutrients. It should not be blanched in your dishwasher. DO NOT BELIEVE YOUR FRIENDS OR NEIGHBORS WHO TELL YOU IT IS NO LONGER SAFE TO BLANCH CORN. To blanch drop 3 to 4 ears at a time into ONE gallon of boiling water. Blanch 4 minutes for small ears, 6 minutes for medium ears, and 8 minutes for large ears. Start timing as soon as you drop the ears into the boiling water. Immediately cool in ice water for the same length of time you blanched it. If you want to freeze the corn on the cob, allow it to remain in the ice water for twice as long as you blanched it to stop the cooking of the ear resulting in better tasting corn on the cob. For whole kernel corn: cut kernels (about ⅔ depth from the cob and package in moisture, vapor proof containers. Label and freeze. For corn on the cob: just bag, label and freeze.

When placing produce in your freezer remember:

* Freezer should be at 0 degrees F or below.

* Make sure vegetables are cool before packing.

* Small quantities freeze faster than large amounts.

* To allow air circulation space, do not overfill your freezer. Figure about 3 pounds per cubic foot of freezer space as the maximum that can be added at one time. (If you have a 20 cubic foot freezer, the maximum amount of any food you put in your freezer at one time would be 60 lbs.)

* For fastest freezing, place packed bags directly on freezer shelves, not on other frozen food.

* Leave space around packages until they freeze, then stack.

* Label all packages with a permanent marker and freezer tape. Record the contents, quantity and date of freezing. Apply label to dry bag before filling, if you use plastic freezer bags.

Canning Corn. Corn can be canned safely only in a pressure canner. If you do not have a recent canning reference, call (717-394-6851) or write to me (1383 Arcadia Road, Room 1, Lancaster, PA 17601) and I will send you directions for canning corn.

Berks Society 9

Twenty-four people attended a family picnic held by Group Nine of the Berks County Society of Farm Women on Sunday, August 5. The picnic was held in the home of Karen Schreier of Douglassville. Hot dog and hamburgers were served with a variety of other foods and lots of desserts.

The group is planning a yard sale in September as a fund raiser.

The next meeting will be held in the home of Hope Steppler, with a program on Hair Care by Joanne Merkel, on Wednesday, September 5.

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Ida's Notebook

Ida Risser

Denmark is a flat country and as we drove through the countryside, we saw fields of potatoes, sugar beets, and barley. We were told that their yield on wheat is 100 bushels per acre. They also have 400 mink farms, and, while riding the bus, I saw moose and also deer.

We stopped for a few hours at a fortified manor house with huge clipped hedges and a fuchsia garden with 75 varieties. Our next destination was the town of Odense where we visited the home of the author Hans Christian Andersen. It was furnished with his possessions from the 1800s.

One church that we visited had a rune stone that recorded Denmark's history dating back to the year 940. Their cemeteries are very colorful with many flower plants. Our next stop was at the little town of Billund where the inventor of the construction toy called Lego lived. A large amusement park "Legoland" is built here and it attracts thousands. Here replicas of villages, and statues of Indians and the Statue of Liberty are all made of Legos — it is a sight to see as adults and children roam around the park.

Our hotel that night had an outside glass enclosed elevator. And, it was a thrill to be taken to the 15th floor for our evening meal. The menu included pork, potatoes, leeks and a seafood salad. Our rooms were large and included a presser to put a sharp crease in Allen's trousers.

The following morning we took another of our three ferry boat rides. This was a three-hour ride on a huge boat that held not only 1,000 people but many buses and cars. We crossed the channel that separates Denmark from Sweden. There were 11 decks and on the top deck, where it was very windy, I met some people from Wisconsin who were former dairy farmers. We had a nice chat, and, several times later in the trip, we happened to meet the same folks.

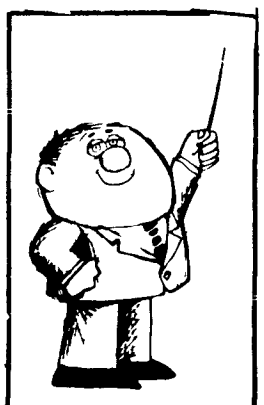
Next week I'll tell you about our journey throughout Sweden.

Ag Progress Days Tour Focuses On Water Quality

UNIVERSITY PARK (Centre Co.) — Healthy lawns absorb rainfall and help control runoff and erosion, returning water to the natural water table. A special water quality tour at Penn State's Ag Progress Days will look at the safe use of chemicals for lawn maintenance and their effect on water quality. Water quality in greenhouse management also will be highlighted.

The Water Quality tour will start with Penn State's Landscape Management Research Center, where turfgrass specialists in the agronomy department use plots of different grasses to gauge the effects of lawn nutrients and pesticides on runoff and percolating water.

The Water Quality tour of the turfgrass runoff plots and the horticulture greenhouses will be given by horticulture and agronomy specialists on Wednesday, August 15, at 10 a.m. and 1:45 p.m. A bus departing from the corn crib at the Russell E. Larson Agricultural Center will take participants to the facilities on the University Park Campus. Tickets for the two-hour event will be available free at the corn crib before each tour.



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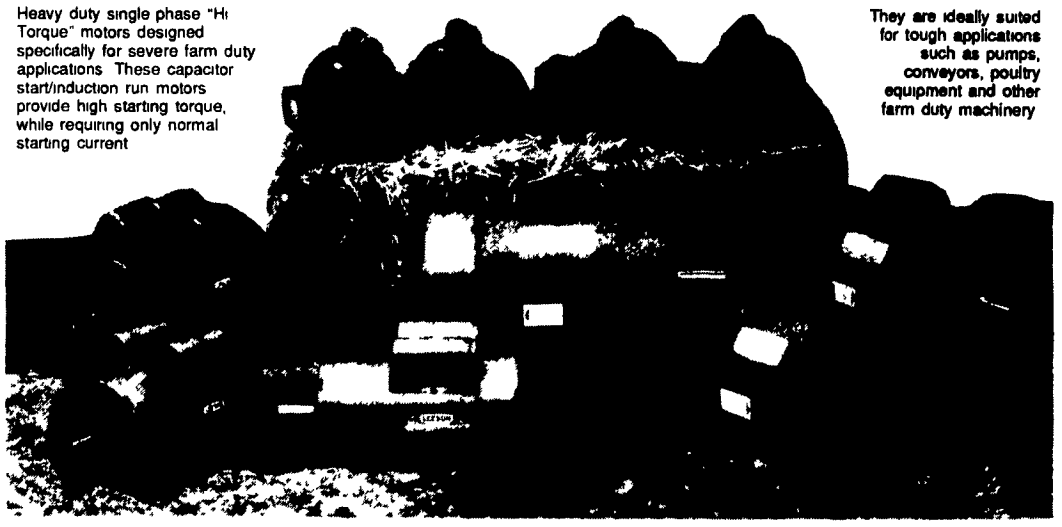

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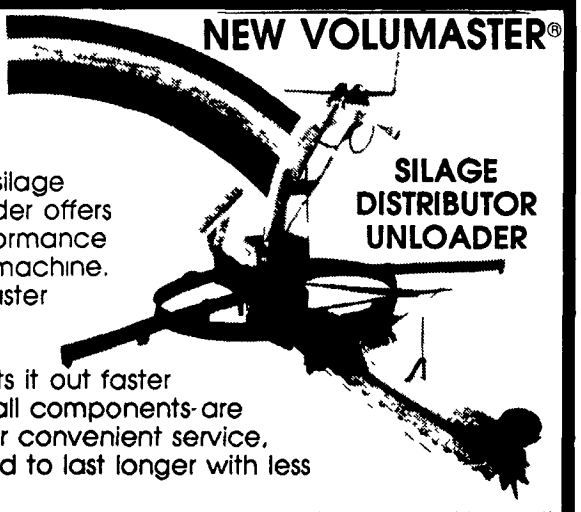

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Tips To Keep Cut Flowers Longer

NEWARK, Del. — When making a flower arrangement, people often use scissors to gather desirable blooms, bring the flowers indoors and place them in a vase of cold water. Then they wonder why the bouquet wilts so soon. Knowing when to pick flowers and how to handle them can make cut flowers last much longer, says University of Delaware Cooperative Extension agent Dave Tatnall.

"Timing is an important factor," says Tatnall. "Pick blooms in the early morning or cool of the evening."

Flowers cut in the morning contain the most water; those harvested in the evening have the greatest food reserves. If you pick flowers in the heat of the day, they may be partially wilted already. When the stems are cut, air can enter their water-conducting vessels, blocking further water uptake, Tatnall explains.

Take a container of water with you to the garden to hold the fresh-picked flowers. Cut stems with a sharp knife, making a slanted cut. Scissors tend to crush the stems, says Tatnall.

Indoors, the horticulturist suggests, precondition the cut flowers the way florists do before making an arrangement.

"To do this, first wash the vase or container you will be using in hot, soapy water," says Tatnall. "Rinse it thoroughly with tap water and then fill it with fresh water. Make sure this water is bath temperature — about 100 degrees F. Never use cold water."

Add a floral preservative to the water at this point if you wish, Tatnall says. These solutions contain water-soluble compounds — usually sugar and a mild bactericide. Without the preservative, bacteria will multiply in the water, clogging stem ends, which causes flowers to wilt.

Next, wrap the flowers in wax paper, leaving the top open. Place the stems in the warm water to which the preservative had been added. Place the container of flowers in a cool area away from drafts, and leave it there for several hours — until the water cools to room temperature.

Now you're ready to arrange the flowers in a vase. As you do so, recut the stems of soft-stemmed blooms and crush the bottom inch of those with woody stems. Remove all foliage that will be below the water line, the agent says, because any submerged leaves will decay rapidly. Add the flower preservative several times while your arrangement is on display.

Tatnall suggests you avoid placing your arrangement where it will be unduly exposed to heat and light, such as on a hot windowsill or near a toaster or other heat-producing appliance.

Home-Based Business Exhibit

UNIVERSITY PARK (Centre Co.)— Eighteen people who have launched successful businesses producing crafts in the home will exhibit their work and give educational demonstrations at Penn State's Ag Progress Days, August 14-16.

"People who start their own businesses are an important part of the economic revival in Pennsylvania's rural areas," says Patricia Leach, Penn State cooperative extension agent in Indiana County and coordinator of the exhibit. "These exhibitors have proven marketing and management skills as well as artistic ability."

The exhibitors will demonstrate their crafts at the Home-Based Businesses and Pennsylvania Heritage Crafts Tent throughout the three-day event. Products on display will include walking sticks, dulcimers, baskets, weathervanes, and woven goods. Visitors can learn about the history of the crafts and talk to the artists about establishing small home-based businesses.

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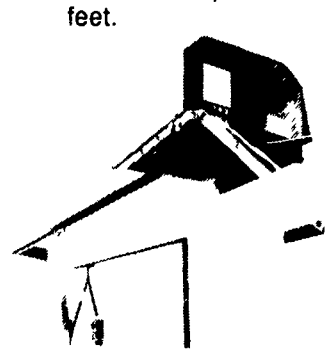

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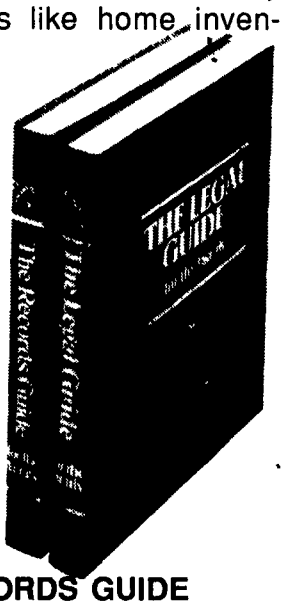

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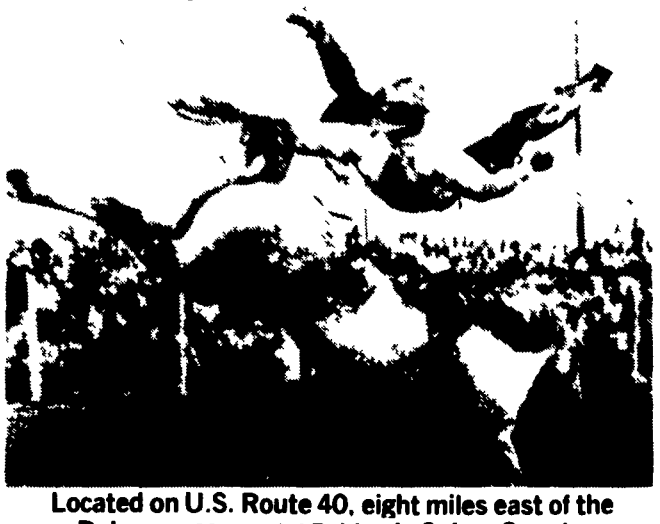

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It was a pie lover's dream — taste-testing for the perfect apple pie at the Lebanon Area Fair on Thursday, August 2. Judges, from left, Lou Ann Good, Lancaster Farming staff writer; Martha Gregory, Lebanon County 4-H coordinator; and Alletta Schadler, Lebanon County extension director.

No Easy Feat To Bake — Or Judge — The Perfect Apple Pie

LOU ANN GOOD
Lancaster Farming Staff

LEBANON (Lebanon Co.) — For a behind-the-scenes look at apple pie judging, Alletta Schadler, Lebanon County extension director, talked me into becoming a judge for the apple pie contest at the Lebanon Area Fair.

It was a mouth-watering experience — and a fattening one. I never knew there were so many different ways to make an apple pie. In addition to the traditional apple pie ingredients, some pies included golden raisins, walnuts, pecans, cherries, custard, and cream.

But Schadler and another judge, Martha Gregory, county 4-H coordinator, are both pros at apple pie judging, and they assured me that judging isn't difficult.

To begin, each pie was assigned a number. We examined each pie closely, evaluating each for appearance. Was it eye appealing? Did the filling run down the sides and under the pie crust? Was the upper crust properly browned or was it too dark or unevenly baked? Did it show creativity? For example, one had an intricately designed edge, another showed halved apples placed upside down in an attractive pattern; and another was topped with cherries and whipped cream.

Schadler divided a paper plate into six sections for each of the judges. She cut a piece of pie from each one. We examined the bottom crust. One was underbaked in the center — the fault of using an aluminum foil pan. According to Judge Schadler, a pie baked in an aluminum foil pan rarely wins because it is almost impossible to have the bottom crust baked evenly. She advised, "Contestants should always use a glass pie dish, which gives the most consistent results."

Then Schadler divided the pie pieces into three slivers. On each numbered section of the paper plates, we placed the corresponding sliver of pie.

Since each pie is judged separately for crust and filling, and then for overall taste to see how well the ingredients blend, I was instructed first to taste the crust and filling separately and then together to see if the flavors and texture blended well.

One crust had a decidedly different texture and taste than the typi-

(Turn to Page B18)

Melodye Hostetter displays her Vunderful Gut apple pie, which won first prize in the pie recipe contest at the Lebanon Fair.

Second prize in the apple pie contest went to Rosene Bollinger, Newmanstown. Rosene also won first prizes in fair competition for her chocolate cake, shoo fly pie, relish dip, white butter cake, and apricot crumb.

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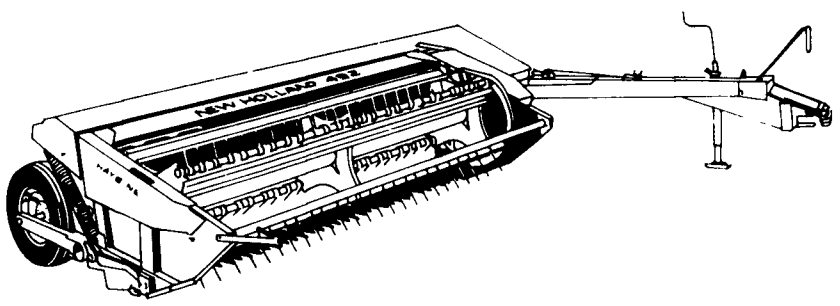

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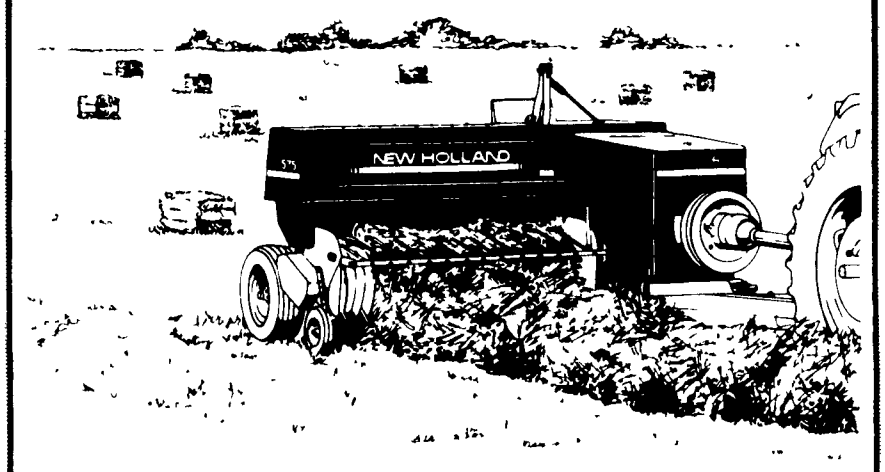

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On stage for the Poultry Queen Pageant are the following contestants, front row rom left: Sherri Herr, Deb Wolgemuth, Bev Ginder, and Julie Burkett. Back row, from left: Geraldine Boll, Amy Garman, Heather Summers, Aimee Eopechino, and Bonnie Dohan.

'Chick Tracy' Crowned Poultry Queen

LOU ANN GOOD
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — "It was a hot night, hotter than a broiler house without fans...." Chick Tracy began as she sleuthed out top secret information straight from the chicken's mouth.

With this mystery monologue, Debra Wolgemuth, alias Chick Tracy, captured the Lancaster County Poultry Queen crown on Friday, August 3, at the annual pageant held at the Farm and Home Center.

Poised and confident, Debra answered impromtu questions, as she competed with eight others for the crown. Master of Ceremonies Grover Gouker asked each contestant: "If you had all the time and money you could want, what would be the first thing you would do with it and why?"

Debra answered that she would solve the reasons why people die from hunger and promote the poultry industry along the way.

Bev Ginder, Manheim, was named alternate queen. She also received the coveted Miss Congeniality award that is voted on by the contestants.

Both Bev and Debra live on poultry farms and are close friends. Seventeen-year-old Debra helps her parents John and Thelma Wolgemuth with 100,000 layers on their Mount Joy farm.

Deb said she works best under pressure and she loves dramatics as evidenced by her audience-pleasing skit. "I had two skits partially prepared and couldn't decide on which one," she said. "My two older brothers suggested I do a 'Dick Tracy' mystery so at the last minute, I wrote it."

The Lancaster Mennonite High School senior is attending hockey camp this week. At school, she is active on the school newspaper, yearbook, field hockey, softball, and student council, and she is vice president of her church youth group.

Eighteen-year-old Bev Ginder is the daughter of Marlin and Jean Ginder, Manheim. The Ginders raise 80,000 layers.

Bev showed the audience how to make a banana split shake while she encouraged them to "wing it" for dinner by broiling, barbecuing, or roasting poultry.

A 1990 graduate of Manheim Central High School, Bev was active in county and district choruses, and participated in school musicals.

She is earning money at Country Table Restaurant to enable her to attend college the following year.

Bev answered the impromtu question by saying that the first thing she would do with unlimited money would be to buy a new car since she had wrecked hers on Tuesday.

Other contestants included Geraldine Boll, daughter of Nevin and Mary Boll, Lititz; Julie Burkett, daughter of Gene and Betty Burkett of Lititz; Bonnie Dohan, daughter of William and Gloria Dohan, Lititz; Aimee Eopechino, daughter of Al and Carm Eopechino, Lancaster; Amy Garman, daughter of Mervin and Linda Garman, East Petersburg; Sheri Herr, daughter of Alvin and Doris Herr, Manheim; and Heather Summers, daughter of Duff and Linda Summers, Gordonville.

Judges for the event were Sonya Wasco, former ag teacher from Leola; Bob Kreider of American Selected Products; and Chris Haines, a home economics teacher from Solanco.

Anita Meck, 1989-90 poultry queen, gave a farewell speech.

Anita Meck passes on the poultry queen title to Debra Wolgemuth. She is flanked, from left, Kimberly Smith and Melissa Garber, former alternates, and Bev Ginder, 1990-1991 alternate.

Melissa Garber and Kimberly Smith, alternate queens, presented gifts to the contestants.

The queen receives a $500 scholarship or $300 in cash plus a $150 wardrobe. The alternate receives a $300 scholarship of $150 in cash.

In addition, each contestant received watches for participation. Gerald and Linda Kreider donated the silver bowl for the Miss Congenialty award; Lancaster Farming donated a pewter platter for the queen; and Kreider Dairy Farms provided the queen luncheon.

An estimated 300 people attended the banquet.

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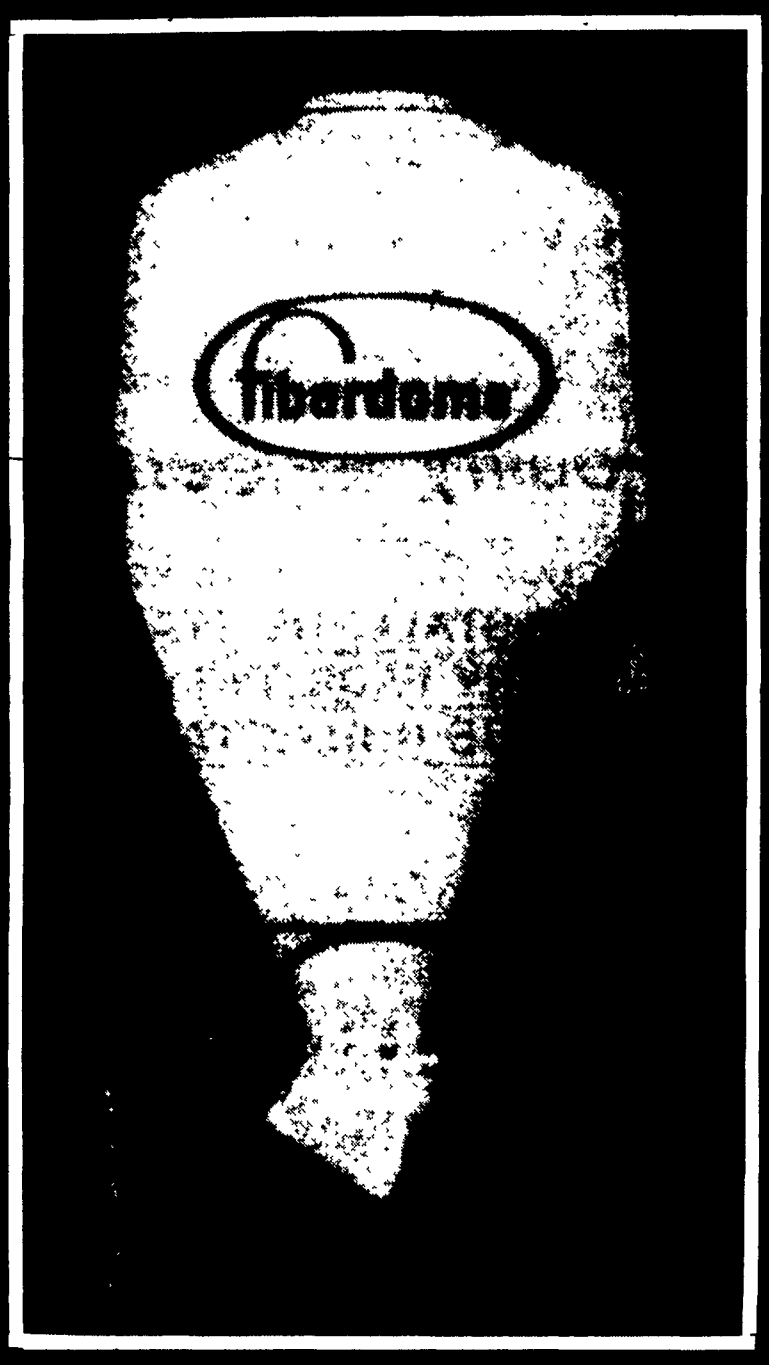

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The Perfect Apple Pie

(Continued from Page B14)

cal apple pie crust. Did we like it better in comparison to the others? We had to grade each crust for color, flavor, texture, and doneness. After a taste of the crust, we savored the filling. Some were mushy fillings; some apples were crisp.

"I think this one has grapes added to the filling," Gregory remarked.

"This crust has an unusual flavor, I wonder what it is?" I asked.

We debated. Was it whole wheat flour? Was it crushed nuts? Was it cinnamon or cookie crumbs?

Recipes were not included so we could not check our guesses.

One apple pie filling tasted too bland or too much like cornstarch; another was too highly spiced.

It was up to each individual judge to decide which taste she preferred, and which would earn the most points in each category. Fillings were judged on consistency, doneness, flavor, and creativity.

While one entry garnered more points for the filling, it lost in crust testing. Another tasted like a great traditional apple pie, but lost points in creativity since pies are allowed 20 points for creativity, which makes a plain apple pie difficult to earn points in that category. It takes more creativity to include a layer of custard or unusual ingredients with it. A two-crust pie might have an unique design cut into the crust, which adds points for creativity.

The varieties and types made judging challenging. Fortunately there were only six entries — that was difficult enough — I can't imagine taste-testing 30 or more pies. And Schadler assured me that a judge absolutely must taste every pie in a judging contest.

Taste is usually a matter of preference. What one person likes best may be disdained by another. The pie that wins in one contest may not have made it with a different group of judges. But when individual scores were tallied at the Lebanon Fair, it was amazing how much the judges agreed.

First prize went to Melody Hostetter, Annville; second to Rosene Bollinger, Newmanstown; and third to Becky Grumbine, Myerstown.

Being a judge taught me a lot about baking an apple pie. The most revealing thing is that it is no easy feat to bake a perfect pie.

But Melody Hostetter of Annville came close. Melody said that it was the first time she had entered a pie contest. She got the idea for her prize-winning pie by reading recipe books and pulling out different ideas and then combining them.

Try her apple pie. And make sure you enter your favorite apple pie at your county fair. A blue ribbon at your county fair is a requirement for entering the 1991 Pennsylvania Farm Show Blue Ribbon Contest.

'Vunderful Gudt' Apple Pie

Crust:

1⅓ cup oat flour
½ teaspoon salt
½ teaspoon ground cinnamon
⅓cup butter-flavored shortening
3 tablespoons ice water

Combine flour, salt, and cinnamon in a bowl. Cut shortening with two knives into the flour mixture until it resembles particles the size of peas.

Sprinkle water 1 tablespoon at a time on the flour until dough forms a ball. Roll dough and line a greased pie plate.

Pie Filling:

5 or 6 large baking apples
¼ cup granulated white sugar
¼ cup brown sugar
¾ teaspoon cinnamon
2 tablespoons quick cooking tapioca
1 teaspoon lemon juice
½ teaspoon orange extract
½ cup chopped pecans

Mix the above ingredients and spoon into pie shell. Bake in a preheated oven at 425 degrees for 20 minutes. Meanwhile prepare cream cheese layer.

Cream Cheese Layer:

9-ounces cream cheese, softened
½ cup granulated white sugar
2 eggs
½ teaspoon vanilla extract

In a small bowl, beat together ingredients until smooth. Pour mixture over the hot apple filling after it has baked the full 20 minutes. Reduce the oven temperature to 300 degrees and bake for an additional 30 minutes or until apples test done. Cool completely on a wire rack.

Topping:

1 21-ounce can cherry pie filling
½ cup sour cream
¼ cup chopped pecans

When pie has cooled, spoon sour cream around the edge of the pie. Fill center with the cherry pie filling; sprinkle with pecans.

Lung Safety Featured

UNIVERSITY PARK (Centre Co.) — Farmers and homeowners can learn more about the risk and prevention of respiratory diseases at the Protect Your Lungs exhibit in the College of Agriculture Exhibits Building at Ag Progress Days, August 14-16.

"From silos to swine houses, farmers are exposed to nuisance and toxic dust that can result in permanent breathing impairment or death," says Dr. Dennis Murphy, Penn State associate professor of agricultural engineering. "Every time farmers grind feed or chop old straw for bedding, they may be risking respiratory disease."

Even though the air may look clean, Murphy says every farmer should wear a respirator to filter toxic dust when working with moldy hay or silage, cleaning out grain bins or working in chicken and swine houses. The exhibit includes a demonstration of four different types of respirators.

"The respirators all have the same function," says Murphy, "which is to provide farmers with cleaner air to breathe."

Homeowners also need to be concerned about the quality of the air they breathe. Anyone who sands wood or paints may be at risk. How dangerous are remodeling activities like painting and stripping furniture? What effect do household cleaners have on air quality? Dr. Phyllis Barner, Penn State associate professor of agricultural and extension education, will be available at the exhibit to answer questions about air contaminants in the home.

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McKean County Chooses Dairy Princess

Vicki Carley, left, was crowned 1990-91 McKean County Dairy Princess on June 30, by 1989-90 Dairy Princess, Tanya Martin, right.

The crowning took place at the Summer Festival in Bradford. Later that day, both princesses helped build a giant sundae.

Vicki is the daughter of Don and Linda Carley, 302 Arnold Ave., Port Allegheny. She is a former enthusiastic Dairy Ambassador and promises to be a dedicated Dairy Princess.

Home Economics Competition

All Montgomery County residents are invited to enter articles in the 4-H Fair to be held August 16, 17 and 18. Entries will be accepted in the following areas: canned fruits, canned vegetables, jellies, yeast breads and cakes, clothing and traditional crafts. Entries must be brought to the 4-H Center in Creamery located on Route 113 on Wednesday, August 15, between 2:00-4:00 PM and 7:00-9:00 PM. Entries should be picked up on Saturday, August 18th, from 3:30-4:30 PM. For more information or a class listing contact the 4-H Center at 489-4315.

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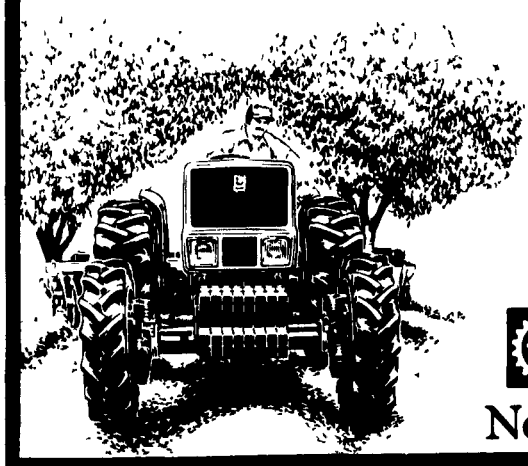

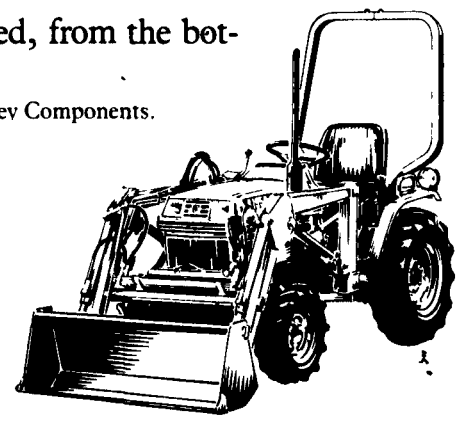

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'Unfoolish' Mule Inspires Jane Baily To Write Book

LOU ANN GOOD
Lancaster Farming Staff

WEST CHESTER (Chester Co.) — On a century farm among the hills of Unionville and Chadds Ford, lives a wonderful mule.

"Wonderful," according to its owner Jane Baily who became so intrigued by the mule's personality and so protective of the mule's ofen maligned reputation, that she wrote a book "Dottie, The Unfoolish Mule."

The illustrated children's book tells a tale, partially true and partially imagined of a molly mule, which is a girl mule born to a horse.

Jane wrote the story for her two daughters, Meredith, 7; and Rebecca, 3.

Through the encouragement of friends, Jane decided to publish the story so that others could enjoy the story of the 'foolish' mule that disappointed the Amish farmer who was expecting a sleek foal.

For years, the farmer struggles with the mule. The farmer thinks the mule is foolish and lazy because she stumbles over rocks and doesn't keep her head up like a proud, sleek carriage horse. He does not understand that when the mule refuses to move that she isn't being stubborn; instead, she is very intelligent and she knows that if she pulls the heavy load it would cause bulging sores from the harness strap.

The farmer sells the mule at the New Holland Sales Barn where the Bailys purchase the mule.

The story is illustrated by Carolyn Parker who is 12. Carolyn lives with her parents and sister in the area. Her artistic talent comes naturally.

To draw the pictures, Carolyn often visited the Baily farm. One time she stayed overnight so that she could get up at 5 a.m. and watch the sun come up.

Jane said that they purchased the mule as a companion to Arabian stallion, SH Le Rouge.

She said that a stallion is happier and safer outside with a companion than he is kept in a stall. At first they had pastured the stallion with their cows, but one morning she saw him prancing through the pasture with a calf in his mouth.

"The mule teaches him manners. She offers him companionship, but he can't bully her around."

Convinced that mules are often misunderstood, Jane Baily wrote a book about her own mule, Dottie, who she claims is a very intelligent, valuable, and cautious — not stubborn — animal. Dottie has been inducted into the mule and donkey Hall of Fame.

Jane admits, a bit relunctantly, that Dottie is not a glamorous animal — just a draft mule, but she thinks Dottie's qualities far outweigh her lack of charm.

After owning the mule, Jane became a loyal spokesperson for the breed. She is now an inspector for the American Donkey and

(Turn to Page B21)

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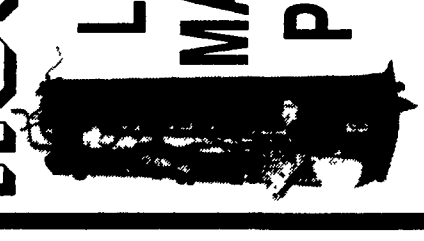

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Stop By Our Display On West 9th Street
Or Contact Any Of Our Area Sales Managers

VIGORTONE®
THE PART OF THE RATION THAT MAKES THE RATION.

1-800-553-1712

'Unfoolish' Mule Inspires

Carolyn Parker who illustrated the children's book, rides Dottie the mule, while the author, Jane Baily and her daughter, Meredith, watches.

(Continued from Page B20)

Mule Society. Dottie has accumulated 350 points that enables her to be inducted into the Mule and Donkey Hall of Fame.

The Baily farm includes two century farms. Jane's husband, Barnard, raises American Line and Dutch Belt cows on their 250-head dairy farm.

Many school groups, conservation groups and other visitors tour the farm where Dottie is used for riding, logging, and pulling a sleigh.

Dottie, who loves children, will drop her head so that children can play with her ears.

So deep is Jane's devotion to mules that she takes Dottie on trail rides instead of riding her Arabian horse.

Others mock her in the beginning. They taunt, "Can that thing trot?"

In reply, Jane only smiles. "Dottie shows them. She keeps right up with the stallions. She can trot all day."

Jane is also a member of the Pennsylvania Arabian Horse Association. When asked which animal, an Arabian or a mule is best, Jane replied, "I refuse to answer that question."

She said, "Many people think mules are stubborn. But they are not. They are cautious, not stubborn."

"Someone said the purpose of a mule is to figure out what you want and then not do it," she said.

But according to Jane, "You must learn to communicate with a donkey differently than with a horse."

"You must explain things to a donkey or mule. You talk them into behavior modification. You can go right up to a horse and start clipping him, but with a mule, you must hold them and explain for five minutes that you are going to clip and make them beautiful. If you explain it right, the mule will cooperate."

Jane said that she does not become frustrated by the mule, but she must prove that an animal has value and worth.

Dottie is 11 and has a life expectancy of 30 because mules have a non-stressed attitude.

To order the book, sent $8.62 to cover postage, handling, and the book to Arawaset Farm, 60 Davidson Rd., West Chester, PA 19382.

Start Your Own Business Exhibit

UNIVERSITY PARK (Centre Co.)— Do you have what it takes to start your own business? You can find out at the information booth in the Home-Based Businesses and Pennsylvania Heritage Crafts Tent at Penn State's Ag Progress Days, August 14-16.

"Getting a business off the ground takes a special kind of persistence," says Jim Grippo, Penn State cooperative extension agent in Clearfield County. Visitors to the exhibit can assess their entrepreneurial potential by taking a computer quiz designed by Grippo.

"You have to be the sort of person who can live with risk," he says. "Everybody who wants to be their own boss naturally thinks they'll succeed, but it's tough to make a new business venture fly. You have to be able to wear many different hats and deal with the uncertainty of not receiving a weekly paycheck."

Grippo regularly offers an extension program on starting and running a small business. In six three-hour sessions he covers marketing, legal issues, financing, insurance, risk management and planning. Some of the materials Grippo users for the workshop and additional information offered by cooperative extension will be available at the small business information booth.

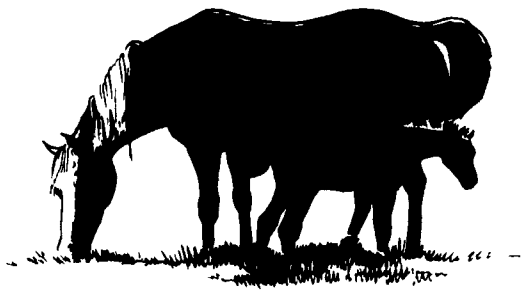
West End Fair Association, Inc.

"THE ONLY FAIR IN MONROE COUNTY" PRESENTS

"For Young and Old Alike!"

69th Annual

WEST END FAIR



AUGUST 26 thru Sept. 1

West End Fairgrounds

GILBERT, PENNA.

CALENDAR OF EVENTS

SUNDAY, August 26
8 am - Main Arena - Penn Jersey Horse Show
3 pm - Band Shell - Dance Review by Melodies Dance Studio
6 30 pm - Main Stage Vesper Services with the Middlecreek Christian Church

MONDAY, August 27
4 Shows Daily on Fairgrounds Banana Derby & High Diving Mules
5 30 pm - Bandshell - Pleasant Valley High School Band
4, 7 & 9 pm Main Stage - The Barbara Fairchild Show
8 pm - R&R Demo Derby, Main Arena

TUESDAY, August 28
4, 7 & 9 pm Main Stage - Billy "Crash" Craddock
7 PM Main Arena - Sanctioned Championship Rodeo

WEDNESDAY, August 29
"SENIOR CITIZENS DAY"
10 am - Cattle Judging
Banana Derby & High Diving Mules
12 Noon & 3 pm Big Band Ambassadors
5 & 8 pm - Main Stage - Andy Andrews
4, 7 & 9 pm Main Stage - Shucks
8 pm - Main Arena R&R Demo Derby

THURSDAY, August 30
"CHILDREN'S DAY"
1 pm - Children's Contests, Main Arena
7 pm - Main Arena, 2-Whl Drive Truck Pull
4-Whl. Drive Truck Pull,
4-Whl. Drive Truck Pull
4, 7 & 9 pm - Main Stage Danny and the Juniors featuring Joe Terry

FRIDAY, August 31
5, 7 & 9 PM - Main Stage Tommy Schafer and the Blue Mountain Ramblers
6 30 & 8:30 pm - Main Arena Grandstand The Charlie Daniels Band
8 p.m. - Square Dance Demonstration by Leasure Squares

SATURDAY, September 1
12 Noon & 3:30 pm - Bandshell The Country Couple
4, 7 & 9 pm - Main Stage Re-Creation
6:30 & 8.30 pm - Main Arena Grandstand Tammy Wynette

FREE ATTRACTIONS ALL WEEK
• Dembroski Amusements
• Reithoffer Shows • Walk Around Clowns
• Banana Derby • High Diving Mules
• Antique Tractors & Steam Engines
• Bandshell & Main Stage Shows

ROUTE DIRECTIONS

How to get to the West End Fair.

Off Penna. Turnpike (Exit 34) take Route 209 North for 14 miles.

From Rt. 33 - to Rt. 209 South - 7 miles

From Rt. 80 to Rt. 115 - South on Rt. 209 S.

From Rt. 80 to Rt. 715 - South to Rt. 209 S.

FREE PARKING

ADMISSION $3.00 over 13 years of age
Includes admission to fairgrounds & all shows on main stage

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Open Daily 12:00 Noon to 10 P.M.
Except Wednesday and Saturday
10:00 A.M. to 10:00 P.M.

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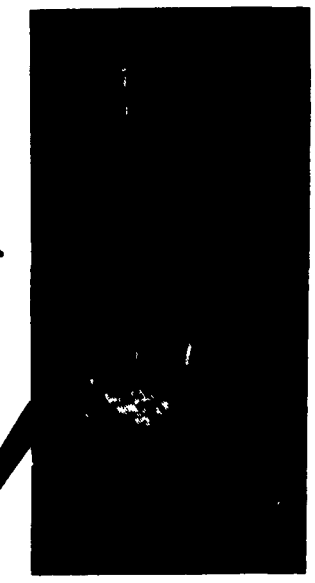

O_3 by Ozotech

Do you recall the sweet, fresh smell after a refreshing summer rainstorm? That's activated oxygen, commonly referred to as ozone. It's nature's most powerful purifying agent, and now it can be yours too! We create the same thing electronically to treat the water your family drinks and bathes in. The result is "naturally treated water" from every tap inside and outside your home.

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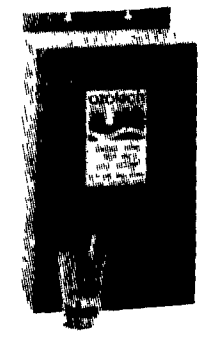
Bacterial contamination
Slime and growth in toilet bowl and tank
Embarassing odor and color
Algae, organics

Home & Industry Division

Hello to:
Clear, delicious, polished water from every tap
Chemical free treatment
Odor free water, no more color
Increased efficiency and money savings - No corrosion or scale in your plumbing
Oxygen enriched water
A healthier life style



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717-656-8380

On being a farm wife - And other hazards

Joyce Bupp

"Why are you dairy farming?"

It's not often that someone asks that, point-blank.

But the questioner this time was a friend and agri-business associate - and a former dairy farmer. We'd just spent several minutes on the phone discussing the weather, state of the dairy industry, what was likely to happen to milk prices over the next year and the uncontrollability of so many factors which affect the business.

"Why are you dairy farming?"

"Because that's what The Farmer wanted to do with his life," was my quick reply.

Why we are doing this is something we don't deeply debate all that often.

"Surely dairy farmers aren't doing it for the financial rewards," joked this banking-business friend. "Why are you dairy farming?"

Most of the time we're so busy with what we do that we take precious little time to ponder why.

To be perfectly honest, there are days when I ask myself that same thing, probably 20 times over. Like the third day in a row that the bred heifers decide to go sightseeing outside the fence. Or the windy, sub-zero morning in January when even normally-protected water fountains freeze solid or you fall flat on the icy blacktop retrieving a bag of calf feed.

And on those days when one of our better-bred, high-producing, favorite cows labors with a breached, dead, heifer calf, then dies from the trauma. Or when the forage harvester chews up transmission gears, or a piston blows in a tractor, or a silo unloader succumbs to heavy daily use and requires major mechanical surgery, shattering the monthly budget to bits.

Or I open a newspaper or industry newsletter to read about some new bureaucratic, red-tape regulation that will, often unnecessarily, complicate our food production system envied by most of the rest of the world.

Yeah. On days like that, it's easy to wonder why we're doing this.

But then, I try to pause and remember that, no matter what one's job, there are days when just about anyone must wish to be in almost any other line of work. No job that I know of is hassle, frustration, or problem free.

Fortunately, most days are filled with all sorts of the blessings that outweigh the breakouts and breakdowns of daily farm life with cows and equipment.

Feeding calves on a glorious August morning is sufficient reward for enduring icy slopes and bitter winter winds through daily barn chores. A tractor and haybine swath tidy rows of wonderful-smelling, third-cut alfalfa to dry down in the brilliant sunshine and brisk breeze. Corn, eight feet tall in the bottom field, is indicative of one of the best crops in years. The first match of sweet corn is delicious with fresh tomatoes and slices of juicy cantaloupe straight from the garden. The bright colors of glads, snapdragons, dahlias and cockscomb accent a backyard landscape set off with rippling ponds reflecting a cloudless blue sky.

And our work is right here amidst this countryside loveliness, not somewhere at the end of a commute via interstate lanes or downtown traffic lights.

"Why are you dairy farming?"

Because of the satisfaction of seeing the heifer herd parade single file up through a frosty, snow-dusted meadow in the pink and orange glow of winter sunrise. Because of the soft silkiness of a new baby calf, and the affectionate friendliness of a cow that turns to lick our heads as we fasten on a milker. Because of the joy of helping to birth bawling new life.

Because we love to plant and watch things grow, and take satisfaction in producing a vital and necessary food product. Because many of our dearest friends and most memorable experiences are dairying-related.

Because we enjoy what we do and the sort of lifestyle that goes with working with animals, soil, and nature.

That's why we're dairy farming.

Lancaster Farming
1 E. Main St
Ephrata, Pa 17522
717-394-3047
or Lititz
717-626-1164

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Mon., Tues., Wed. & Fri
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m

OFFICE HOURS
Mon. thru Fri
8 a.m. to 5 p.m

The following categories are available for your classified advertising. In Section C. Deadline- Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising in Section B Deadline- Wednesday afternoon at 5 of each week's publication

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

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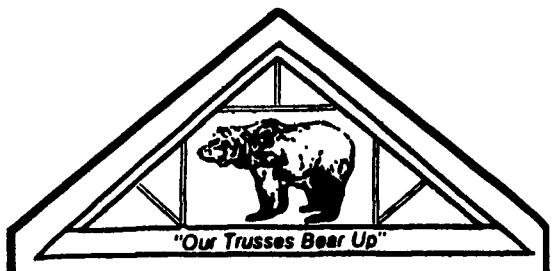

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1-800-445-6637
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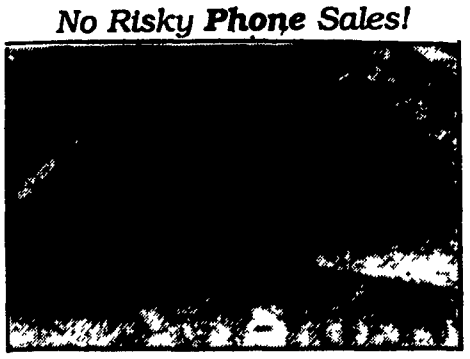

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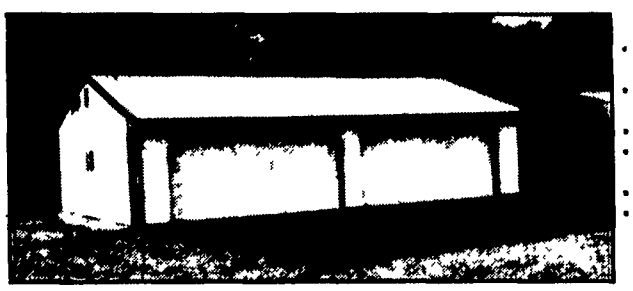

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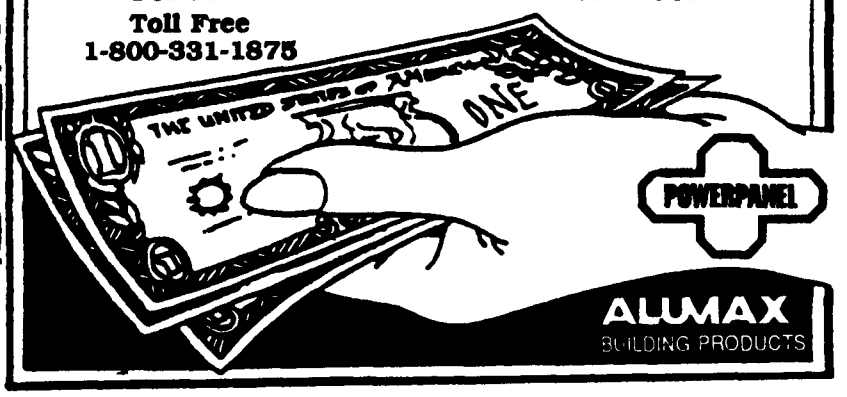

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Date of Planning To Build_____ LF

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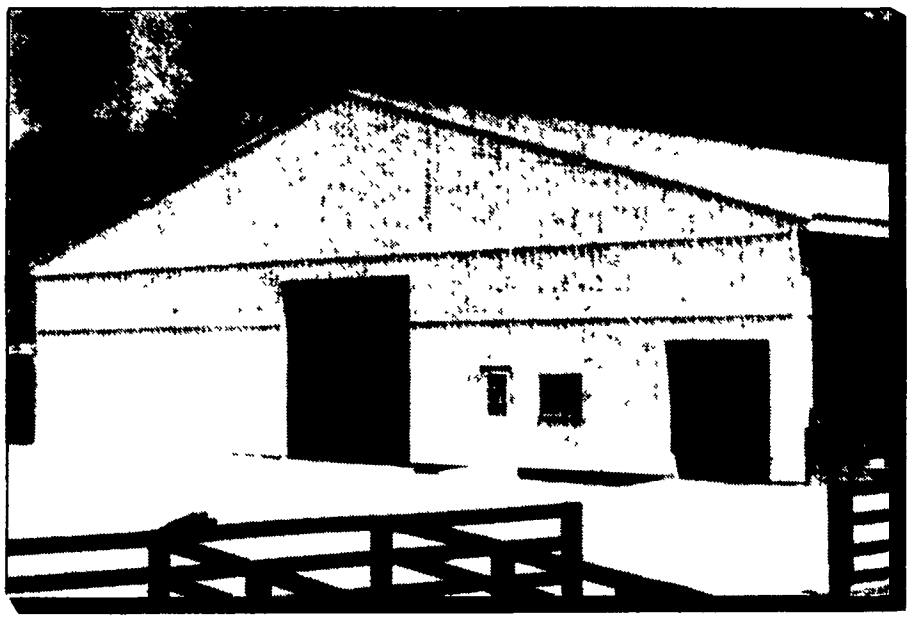

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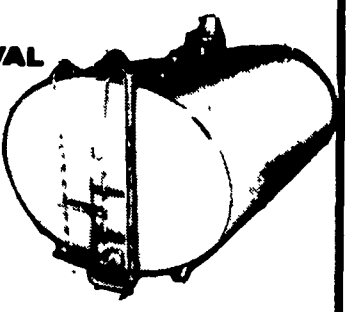

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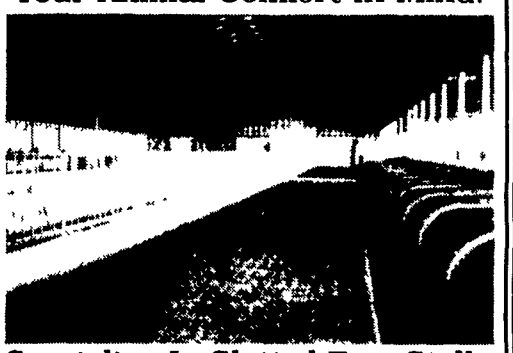

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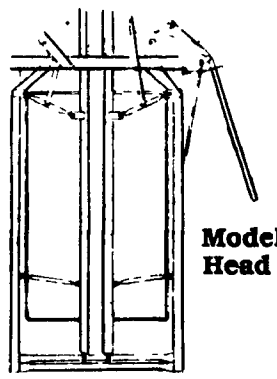
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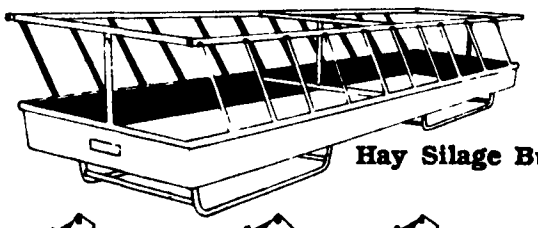
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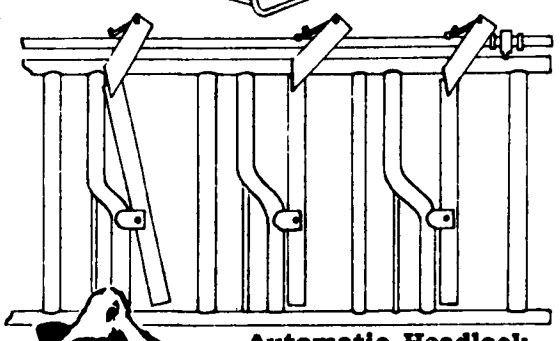
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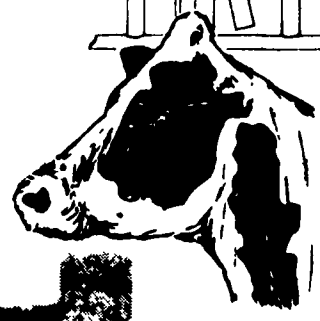
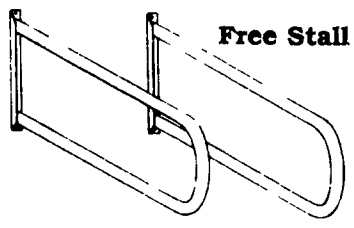
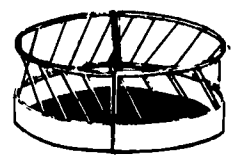



Free Stall

Farm Gate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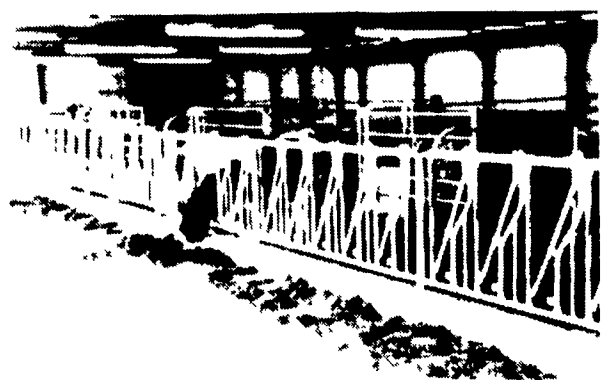

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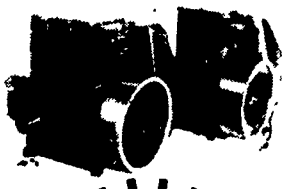

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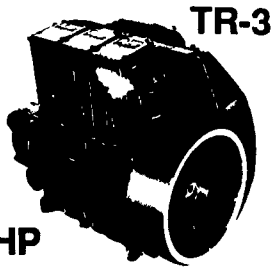

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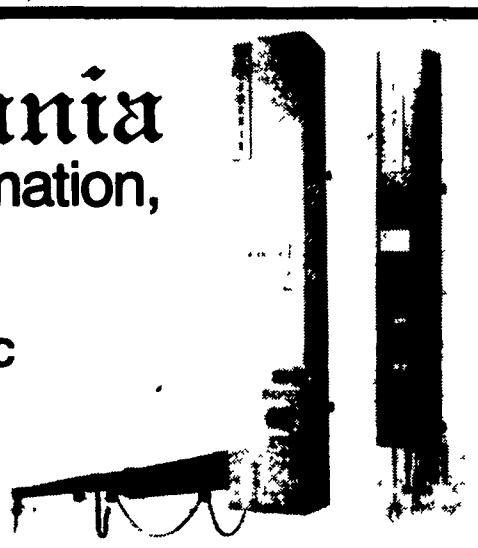

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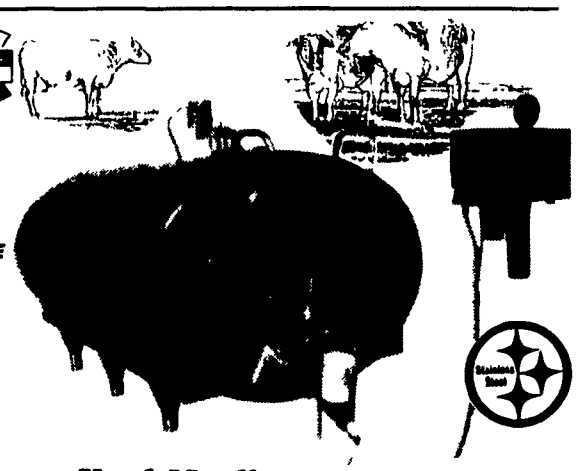

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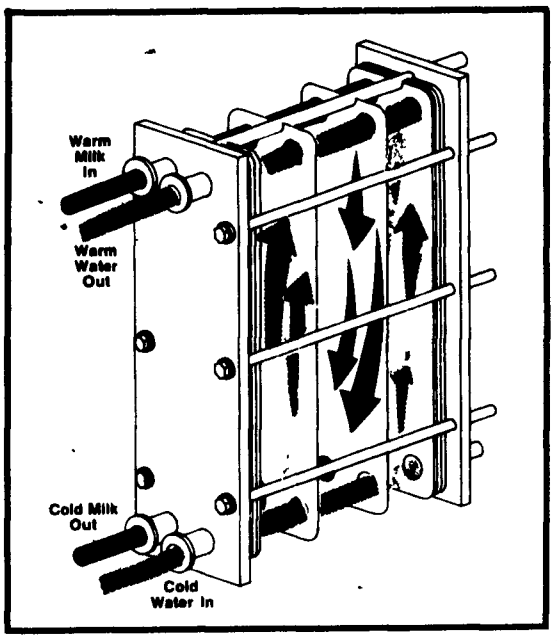

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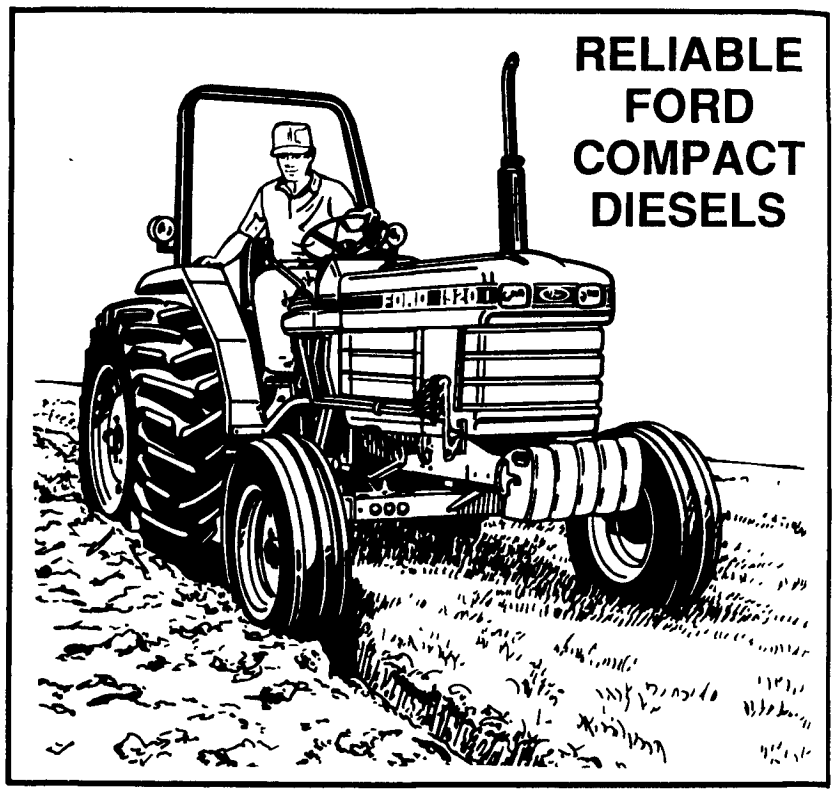

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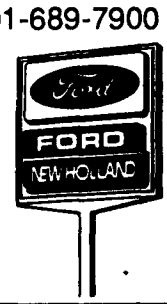

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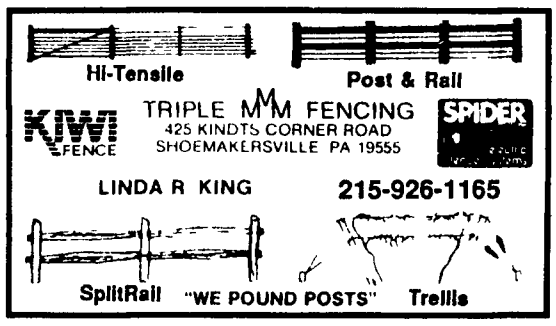

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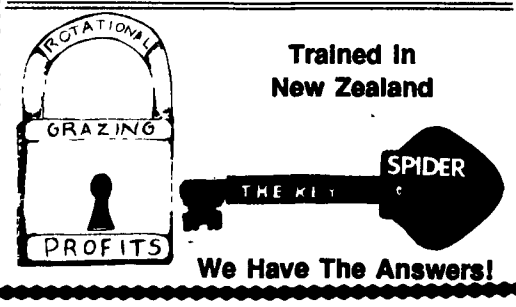

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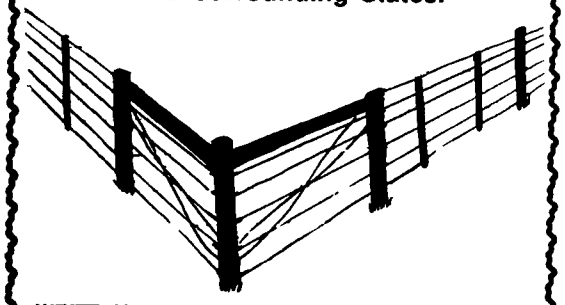

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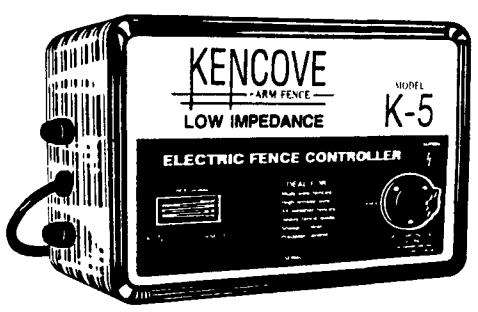

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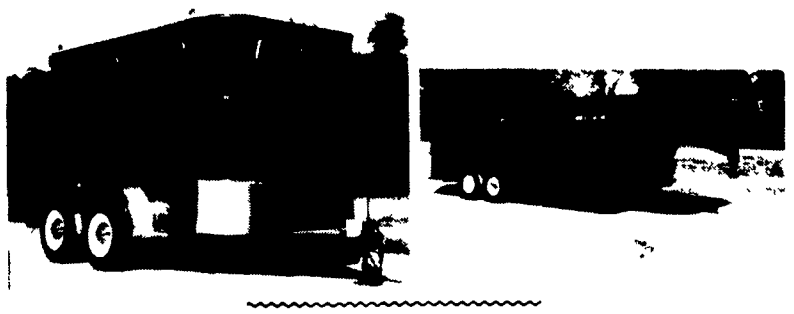

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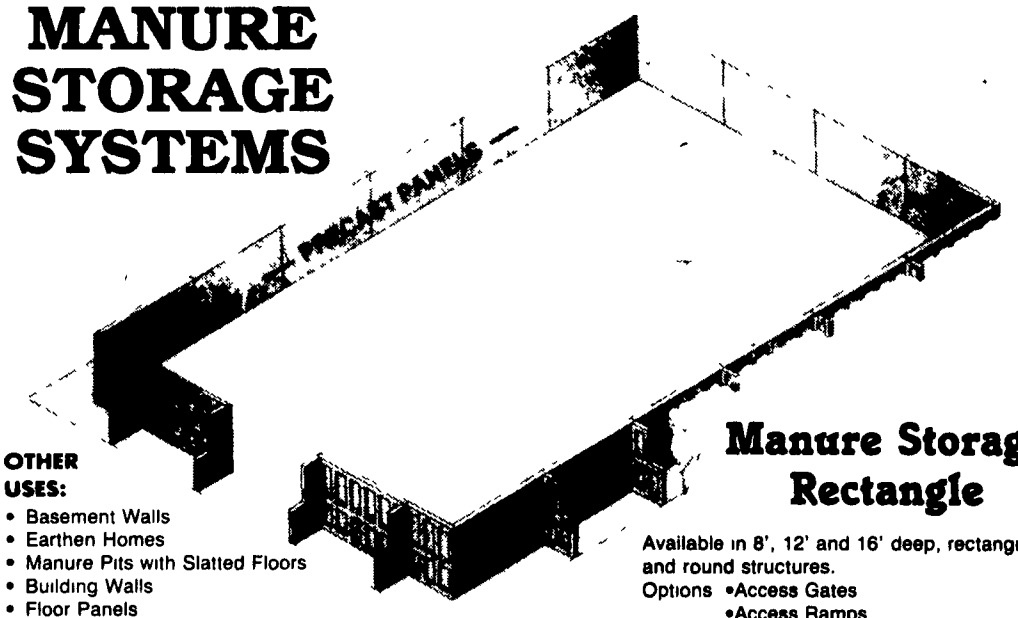

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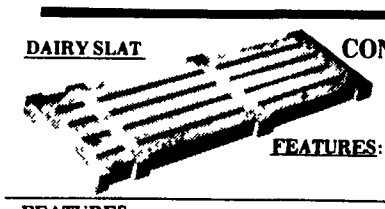

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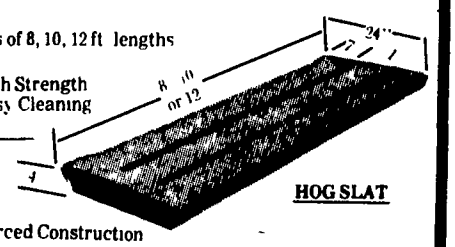

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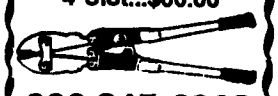

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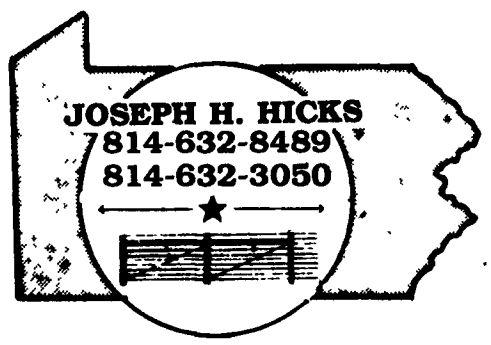

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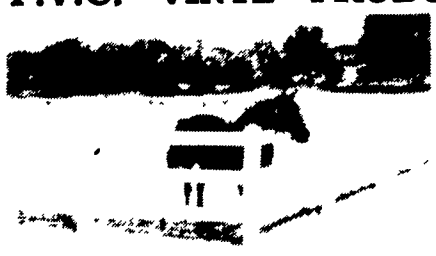

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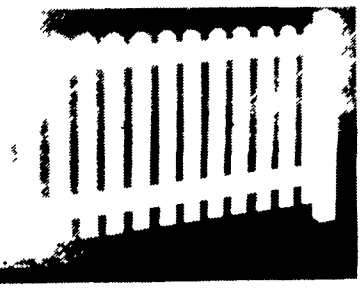

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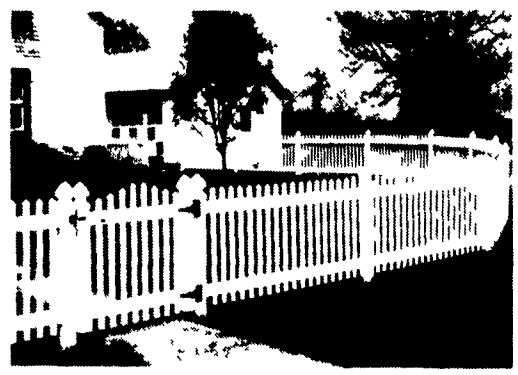

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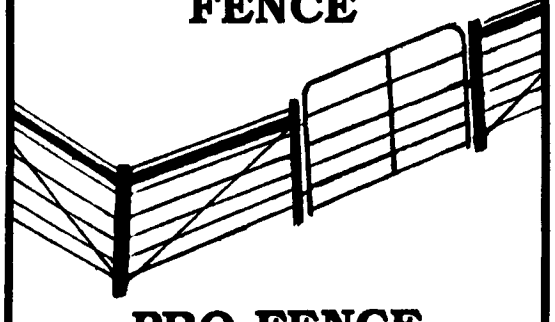
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$995 each
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$12,500
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1990 Foals For Sale
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OLD HIGH BACK WESTERN SADDLES WITH MAKERS STAMP
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Wanted-Large Mule, 15½ -17 hands, 5-10 yrs , to ride and drive single Must be calm and traffic safe Adams Co 717/334-5320 7-8AM.

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3½ Ton Truck Loads $100.00
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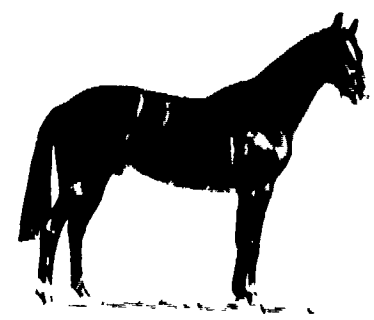
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3 Big Strong Saddlebreds
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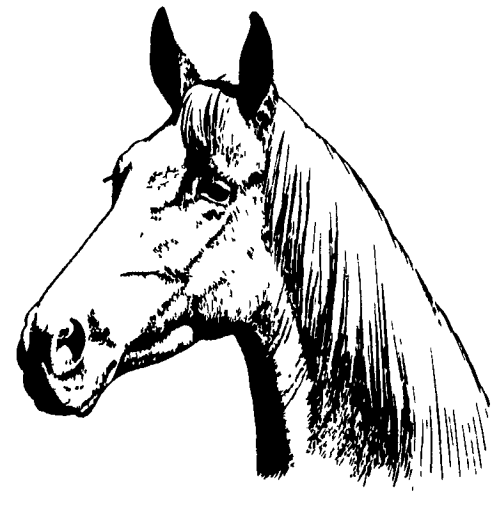
HORSE SALE at IRISHTOWN STABLES
Wednesday Evening
August 15, 1990
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Sale - 7:30 P.M.
Standardbred horses out of Ohio including: 1 top big 5-year-old black trotter with 2 white legs, 1 big 5-year-old bay horse that we have been driving for 3 months.
Elam B. Stoltzfus
Ronks, PA
Call Evenings
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2030 Tractor with loader, 507 rotary mower, 3 pt mower, 3 bottom plow. Call 301/357-8246.

Nicholas Sires, Poly Pay Rams, 2 yrs., 1 yr., October 89, Jan 90 & April 90 Carberry Hill Farm 1-800-53-LAMBS.

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Polypay Ewes, Rams and Lambs. Registered & Certified Some Nicolas Breeding Take one or all. Jonathan Beiler, 1663 Noble Rd, Kirkwood, Pa Leave Message 717-529-6175

Purebred Polypay triplet ram lambs, 6 months old. Will trade for ewe lambs or aged ewes. 717/734-3125

Purebred Suffolk Ram 1½ years-old. Lancaster Co Aaron-L. Glick, 1317 Valley Rd, Quarryville, PA 17566 $150.00

CANTERBURY HILL purebred Dorsets and crossbred colored flock for sale. Excellent milkers, triplet and quad mothers Beautiful fleeces. (215)488-7011

Colored Wool Flocks-Hampshire/Lincoln 200% lambing 8 Ewes, 1 Ram Corriedale Lincoln 3 Ewes, 1 Registered Silver Lincoln Ram. Romney 3 Ewes, 1 Ram 717/229-2202

Dorset Ram. Fall born, ready for breeding York County 717/225-4806

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Registered Suffolk yearling and ram lambs Excellent quality Competitively priced. Lauden Acres 717-758-6284.

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Reg Romney Ram, Beautiful Fleece, Twin, Proven Related to most of my flock, reason for selling $50. Berks 215-987-6902

Selling 50 sheep to reorganize flock. Ewes, rams, lambs. Registered Romneys and Southdowns, long wool crosses, white face commercial ewes Call (717)896-3622 Dauphin County.

Sixteen registered Dorset ewes 1-3 years old exposed to Dorset ram $100 each. Call 717-597-5816

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Also 2 registered yearling rams and 6 month old reg. and certified ram lambs. All are triplets and sired by a quad
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11 SWINE

10 3-way cross gilts, out of certified stock, bred to the Duroc Boar Due in 2 weeks Joe Kauffman, near 9 Points, 336 Bell Rd, Christiana, PA

3 Pot Bellied Gilts, for Pets or Profit $495 717-786-9070

Chester Whites, Duroc and Spotted boars and gilts Backfat figures and days to 230# James Parlett, RD #2, Airville, PA, 17302 (717)862-3610

Duroc, Yorkshire, Spotted, Chester White & Landrace Boars, Open Gilts and Bred Gilts Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052 215-799-3375 or 3831.

FOR SALE-Yorkshire Service Boars. Elwood E Houser, 2150 Quentin Rd., Lebanon, PA 17042 717-272-5798 or 273-2921.

Performance Landrace PA Boar Sale. 8/15/90 6 p.m. 140 Pen Index. 2.26 FE. Herd 7 Dam 77BA 70 Weaned 6 litters. Herd 5 Dam 119BA 105 weaned 11 litters. Sire Missouri Test Sta. Graduate. Top of Class Baum Family Landrace. 717-367-2882

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Dave
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TESTED YORKSHIRE BOARS
Four Yorkshire Boars, sired by: B V 9 A.J 1-3 will be selling at the Pennsylvania Tested Boar Sale. Wednesday, August 15th, 1990 at 6 p.m. at the Penn State Ag Arena
2.27 lbs. adv. daily gain
144 days to 230 lbs.
Penn index 123
For more information contact
Glenn Eberly, Test Station Manager
814-238-2527
Or Charles B. and Mark W. Hall
R.D. 1, Box 263
Julian, PA 16844
814-355-1647
Boars and gilts for sale at the farm. Fall production sale September 28, 1990.

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For Sale: Registered and Grade Angora Buck kids. Sire: Michigan. Middleton bloodline, Fiberfest winner, triplet genetics. Rivendell Sheep and Goat Camp. 717/872-4305 after 6PM.

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Yorkshire Large White Cross
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Large selection of boars available, $300. Free delivery, 100 mile radius.
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SELLING IN PENNA BOAR TEST SALE
AUGUST 15th at 6:00 P.M.
Ag Arena, State College, PA
4 Registered Duroc Boars
TEST FIGURES

	Ave. Daily Gain	Days to 230#	B.F. at 230#	L.E.	Feed Efficiency
10-9	2.36	133	1.15	4.95	252
10-8	2.41	129	1.25	5.16	252
10-6	2.14	142	1.02	4.97	252
10-1	2.17	143	1.15	5.64	252

from litter of 11 weaned
These are sired by HP Tool Box 41-10 and full brothers to 1990 Farm Show 2nd place March gilt.
PRV & Brucellosis 30 day test
Clyde McConaughey & Family
Smicksburg, PA 16256
Phone 412-286-9671
PRV free herd 41 Validated 30

ARNOLD'S 67th HOG SALE
Saturday Evening 6:00 P.M.
August 18, 1990

Lebanon Fairgrounds, Lebanon, Pa.
Auctioneer - Harry Bachman - (717) 867-1809 AU-000033-L
CROSSBRED - DUROC - HAMPSHIRE - YORKSHIRE - LANDRACE

80 BRED GILTS Handmated due late August thru October. (40) Crossbred & (40) Registered Duroc, Landrace or Yorkshire. Carring service to "GRANITE". Grand champion tested boar 1989 Kentucky Type Conference 2.75 gain, .88 BF, 5.90 loin, 129D/230#, 2.30 F.E. $2600 "DOC" .70 BF, 6.00 loin, $1900, Shipley breeding. "ANVIL" First July Boar, 1989 Kentucky Type Conference 2.75 gain, .89 BF, 6.10 Loin, 2.67 FE. "EXPO" 2.47 ADG, .93 BF, 5.52 loin, 133D/230 lbs., 2.56 FE sired by the $10,000 1988 World Pork Expo. Champion.

40 TESTED SERVICE BOARS Growth, backfat & loin eye figures will be furnished on all boars. REAL TIME ULTRASONIC SCANNING by MIKE CHERCHUCK (717) 423-5387. 398 Boars scanned July '89 thru July '90, average 246 lbs. .75 BF, 5.52 loin. DUROC (83) 245# .79 BF 5.43 loin. Cross (31) 245# .76 B.F. 5.69 loin. Hampshire (8) 238# .68 B.F. 5.36 loin. Landrace (21) 254# .77 B.F. 6.15 loin. Yorkshire (255) 246# .73 B.F. 5.48 loin.

40 OPEN GILTS Registered & crossbred.

Sale Order: Bred gilts, boars & open gilts.

All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds.
Herd Health Dr. Tim Trayer 1-800-222-4084
68th Hog Sale, October 20, 1990
Bred Gilts, Boars, Open Gilts

Yorkshires-Landrace
Leon L. Arnold
355 Schaeffer Rd.
Lebanon, PA 17042
717-273-5880

Catalogs Available
Call or Write

Hampshire-Durocs
Lawrence Arnold
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Womelsdorf, PA 19567
717-933-8153

PRIVATE SALE - Boars, Open Gilts, Bred Gilts On Order.

WANTED

Swine producers who need their hogs to grow faster & more efficiently; Our pen of Yorkshires offered at THE PA BOAR TEST SALE (August 15, 1990 - 6:00 p.m.) at the Ag Arena at Penn State, are bred to do just that. The pen average daily gain was 2.5 lbs. per day (fastest gaining pen). Their feed efficiency was 2.2 lbs. (2nd most efficient pen). Their tested sire from North Carolina gain 2.7 lbs. per day. His 2 half brothers at the 1990 Summer Tests in North Carolina gained over 3 lbs. per day. For more information on this potent pen of Yorkshire Boars contact:

Keith Bard
RD 1, Box 623
Portage, PA 15946
814-472-5794

Glenn Eberly-MAEC
State College, PA
814-238-2527

BENNECOFF'S HOGS

Selling in the PA Performance Tested Boar Sale

Wed., Aug. 15
at 6 PM
2 Hampshire Boars
Grandfather of Boars is the #1 Ranking herd sire of 1990 - SP85 12-1.
Figures available at sale.

Terry 215-285-6582 **Todd** 215-285-4805

SELLING IN THE PENNSYLVANIA PERFORMANCE TESTED BOAR SALE
WEDNESDAY, AUGUST 15TH, 6 P.M.
HIGH INDEXING PEN OF BOARS
DUROCS SIRED BY BSF ARCHIE 57-6

Boar Number	Daily Gain	Days to 230	Back Fat	LEA	Boar Index
21-3	2.11	171	.86	5 07	156
*21-1	2.39	160	.71	4.37	190
*21-11	2.67	146	1.00	5.16	188
21-5	2.33	169	.98	5.64	162

21-1 Boar Is High Indexing Boar Overall
21-11 Second High Indexing Boar

PEN FEED EFFICIENCY 2.08 (NEW STATION RECORD)
PEN INDEX 174

For More Information Contact
Bourbon Springs Farm
Kenneth Ketterer 717-423-6250
Glen Eberly 814-238-2527

CR Berkshire Boars at PA Boar Test Sale

Wednesday, August 15, 1990
6 P.M.

Last year we had second top pen, and all who bought them were well pleased at last report. We don't have a complete record on this year's pen. The gain not as good as it should have been. Feed efficiency was average but they did shine on quality. Suppose the leanest pen over all breeds and all over 5 inch loin eye. All index good enough to be in sale. The boars a big extreme, very clean with enough leg to bred older sows. Their pigs should grow. We sold the sire two months ago at Lancaster Stockyards. He weighed 825 and brought 51¢/pound.

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Large White
Hampshire
Boars
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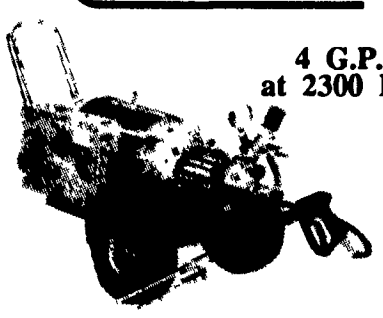

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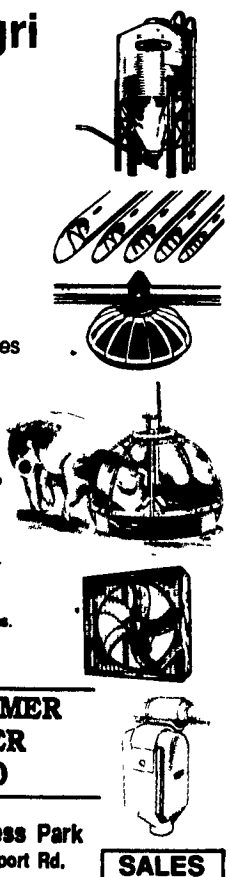

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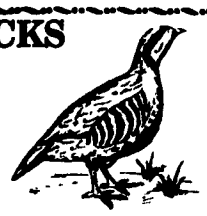

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40 ton dry ear corn $100/ton Benuel M. Fisher, 3 miles South of New Holland, 722A Peters Rd, New Holland, PA.

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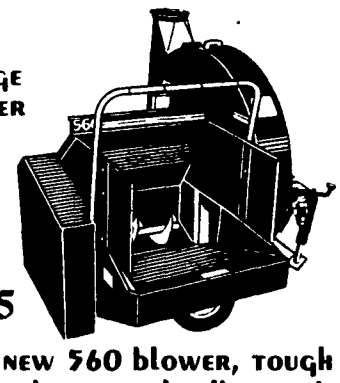
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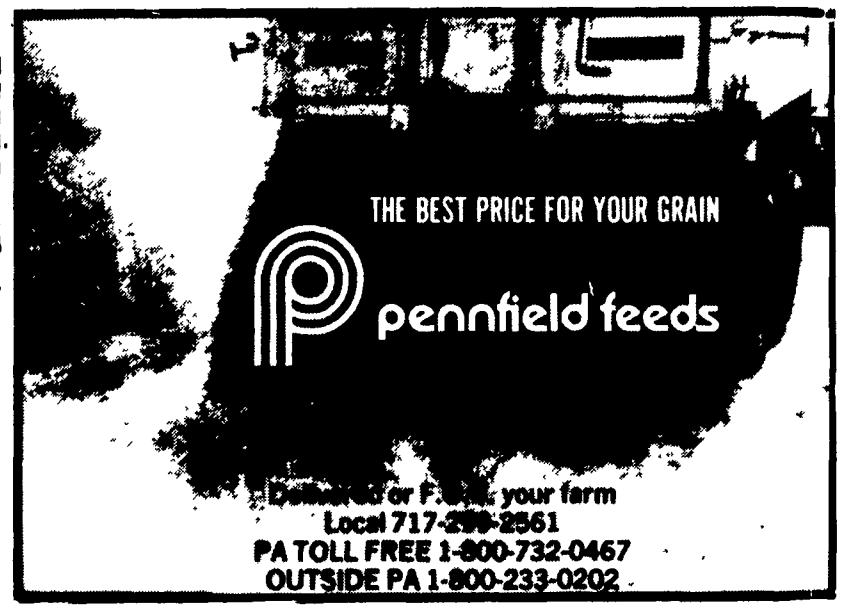

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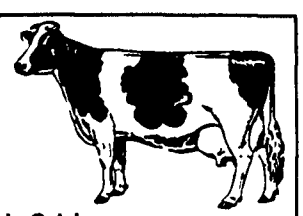
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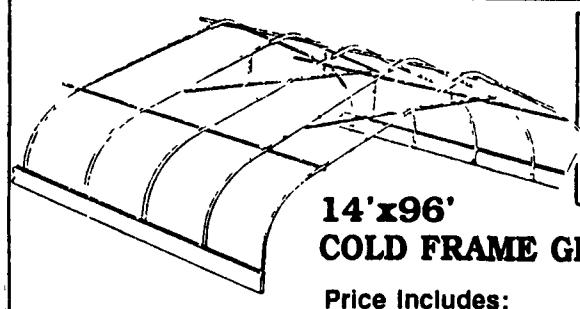

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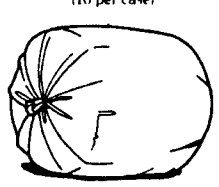

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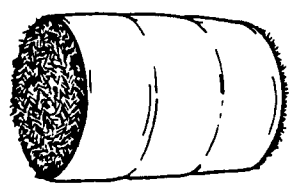

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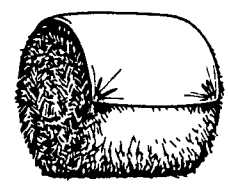

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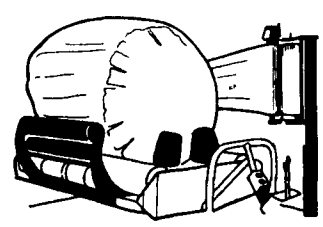

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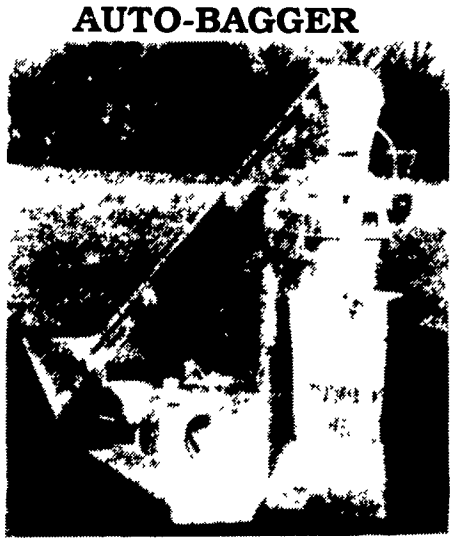

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16 FERTILIZER

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18 FRUITS & VEGETABLES

Vegetable washer, TEW 4 section, culler, washer, dryer & sorting table, $2,000. Used 1 season only. Dave Buchholz, P.O. Box 219, Pittstown, NJ. 08867. 201-735-4400 or 201-735-0835

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The BEST VALUE, the most tree per dollar around.
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LAWN and GARDEN MFG.
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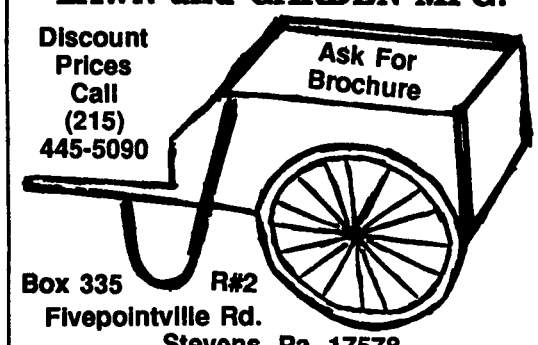
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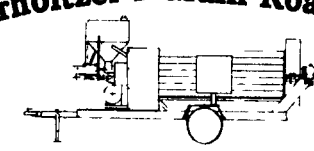
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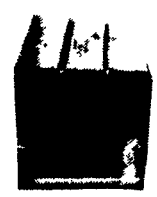
We stock almost all kinds of produce containers. For instance, bean, cabbage, corn, ½ bushel, spinach baskets & lids, 1 1/9 (universal), 1 1/9 cardboard & many other sizes in cardboard.
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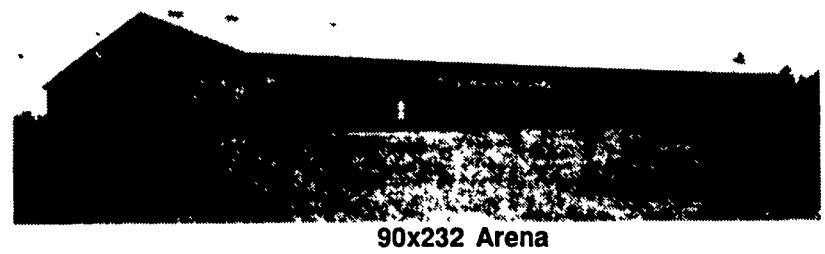
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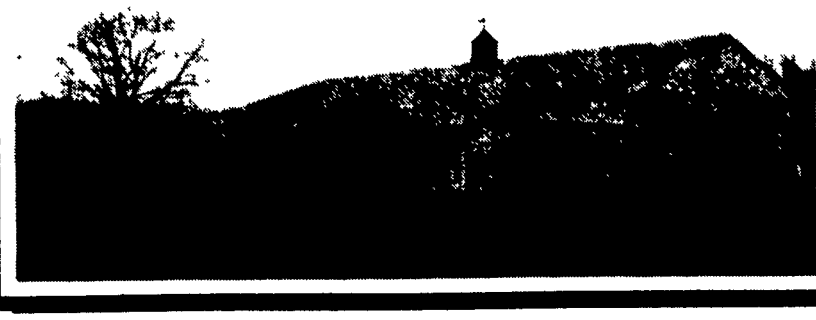

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Seeking an experienced individual to oversee a 500 sow farrow to finish operation and two full time employees.
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Full Time Help Needed For Installation Of Poultry Equipment
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Full Time Position
Agricultural Pre-Cast Concrete Sales
Large Territory with enormous potential. Available to energetic professional. Must be willing to work smart and hard. Experience in Ag Sales Preferred.
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Experienced Herdperson Wanted for 100 cow free stall in Southern VA Milking and herdhouse, no field work required, housing available, references required Call after 8PM 804-822-7921

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Help wanted for MD grain farm, permanent position, equipment and truck experience preferred, no DWI, home available, please call (301)272-3638 day, (301)272-2620 evenings

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Responsible for established accounts and acquiring new accounts for an expanding dairy equipment supplier in southeastern Pennsylvania.
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PROGRAM MANAGER
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Position available for experienced individual to manage a dairy product promotion program in Pennsylvania. Background, education and/or experience in agriculture/food marketing is necessary. Successful candidate must have enthusiastic attitude, knowledge of dairy marketing, and excellent interpersonal skills. Position is responsible to the Board of Directors. Salary commensurate with experience; benefits included. All resumes will be held in strict confidence. Send resumes and salary requirements to:
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Transportation arranged for Amish
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Also priced to sell!! Refer body straight 1987 Volvo, 1983 Volvo both 22' van box. 1981 Peterbuilt, cat motor, with or without Hobbs 35' refer. 1972 750 Ford, gas 20' box. These trucks are fleet ready. Egg-O-Matic 40 case/hr grader with 4 packers includes candler and Egg-O-Matic washer, as is. Raymond electric pallet jack, used but not abused.

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Christian man, married, for caretaker, grounds keeper position on farm or estate Experienced gardening, farm work, small animals Prefer Christian employer Reply to Box B-11, %Lancaster Farming, P O Box 609, Ephrata, PA 17522

Mennonite family w/cows seeking farm w/lease or lease purchase for 50-100 cows WRITE Box R-20, c/o Lancaster Farming, POB 609, Ephrata, PA 17522

WANTED TO RENT Dairy farm in Lanc or Chester Co Need by Spring 1991 Write Lancaster Farming, P O Box 609, K-216, Ephrata, Pa 17522

27 PETS

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Adorable Cataholua pups for sale The perfect dog for your farm and home 215-493-4900

Catahula dogs, perfect dog for your farm and home 215-493-4900

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Call Collect
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Thursday Only
P.S. We buy pups 52 weeks a year.

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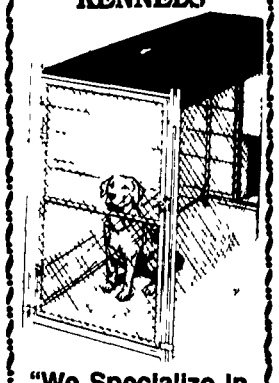

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27 PETS

WANTED English Setter puppy for family pet 717/695-2437

Would you like to adopt a dog, call (215)296-5614

Jo Jo The Dog Man

PUPS WANTED!!!

Die Hundeman mit die Geld fer die Hunde.

I will buy pups August 14th at Stoltzfus Feed Store, Rt. 41, Gap, PA., 1 Mile So. Of Rt. #30. Tuesday, August 14th, 11 AM Sharp.

Pure & cute mixed breeds purchased in litter lots to 8 wks.

Prize Set of Dishes will be given for the cutest pup purchased on August 14th.

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AKC, Purebred, Mixed Litters.

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31 NOTICE

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DEPARTMENT OF AGRICULTURE DISAPPROVAL OF THE EGG MARKETING PROGRAM

The Department of Agriculture, Bureau of Market Development, under the authority contained in the Pennsylvania Agricultural Commodites Marketing Act of 1968, as amended (P L 359, No 179) announces that the Pennsylvania Egg Marketing Program was disapproved by producers in a referendum held July 16-July 30, 1990

BOYD E WOLFF
Sec of Agriculture

Water Ram information Booklets, send $10 00 G Kotula 3037 Merritt Pkwy, Reading, PA 19608-1013 Falling Water Can Push Water Uphill

32 MISCELLANEOUS

75' radio tower not galvanized, painted Best offer 215-822-6819

18th Century Historical Log cabins, various sizes, unique, blue prints, photo's, delivery included, reconstruction available, get a piece of history before it's too late! Also antique random width flooring, doors, mantles, beams, antique building materials 215/857-5361 Chester County

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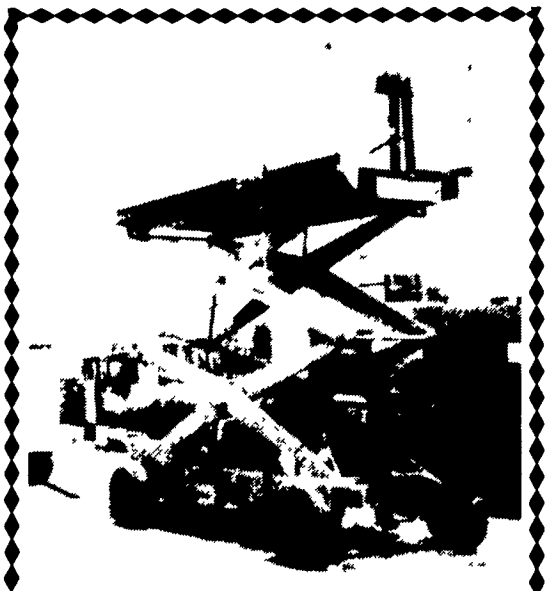

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34 AUTOS

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35 TRUCKS & TRAILERS

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1966 F-1000, rebuilt 534 CI, new clutch, new brakes, 32' Freuhauf flat, $6,800. Call 717/822-1626 or 717/333-4619

1967 White Trend for sale Berks County (215)779-3284.

1969 and 1970 Int. 1700 grain body with hoist, very good condition $4200 for each. 301-374-2927 Carroll Co, MD

1969 Chevy C50 truck, side chipper 12" w/dump and crew cab, $2,000 '73 GMC 12' body, 2 speed rear, $1,400 (215)795-0405

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1972 Ford LN9000 Truck/Tractor- 6-71 Detroit Diesel -10SP -less than 50,000 miles on engine rebuild -excellent mechanical condition -body just painted *Trailmobile 40' 12'6' high, Van Trailer -swinging doors -full plywood inside *Old 34' grain trailer w/side chutes -all 3 inspectable and road worthy Will make the right peron a real nice farm truck -all 3 pieces $12,000 00 BAIR'S MILL -Wrightsville, PA 717-252-3114

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1979 28' Aluminum Dump Trailer, good condition, $8,750 717/532-8363

1979 Ford 800, 429 gas, 32,000 GVW, 5&2, power steering, air brakes, 1979 Int 1800 S model 404 V8 gas, 32,000 GVW, air brakes, power steering, 1981 Ford 800, 429 gas, 32,000 GVW, 5&2, air brakes and power steering, 1981 GMC top kick 3208 Cat diesel, 10SP, 33,000 GVW, power steering, air brakes, 1980 Int. 1854, 466 diesel, w/22' Morgan van body, 5&2, 27,000 GVW 301-877-9889.

1983 Chevy C-30 dually, 454, 4-spd., AC, Aux. tank with 14' gooseneck dump trailer plus 8' western snow plow. Call 215/323-2027.

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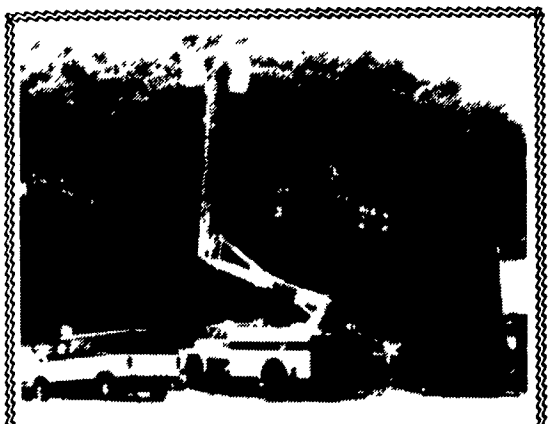

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With 20 Ft. Van Body, 404 Gas, 5+2 Speed, PS, PB, 28,000 GVW, Good Condition
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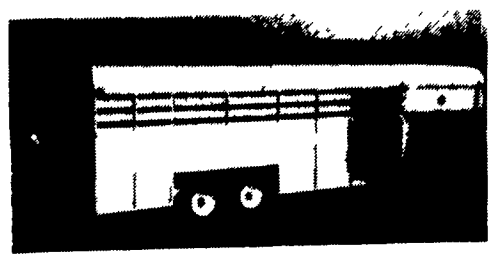

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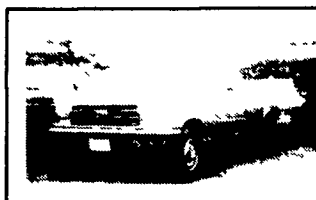

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351, 4 Spd, Automatic, Was $17,929
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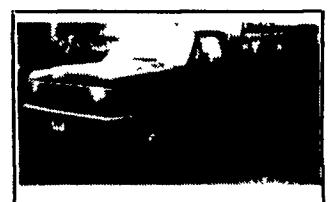

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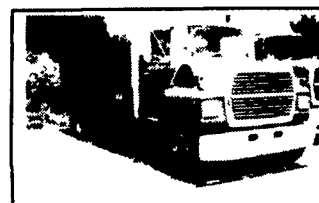

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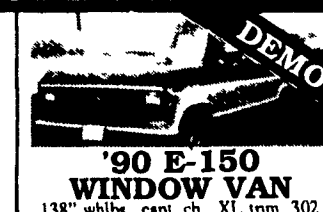

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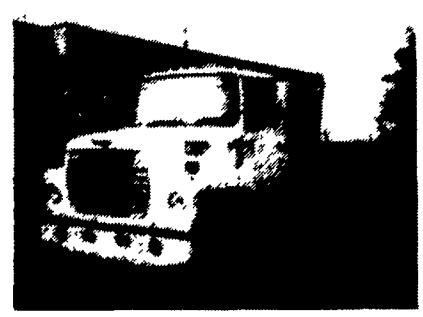
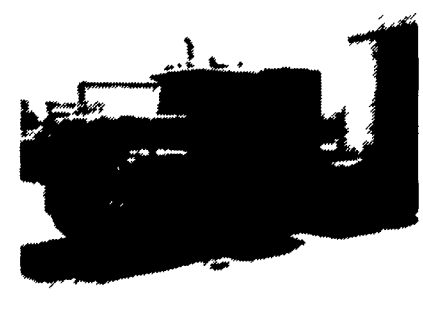
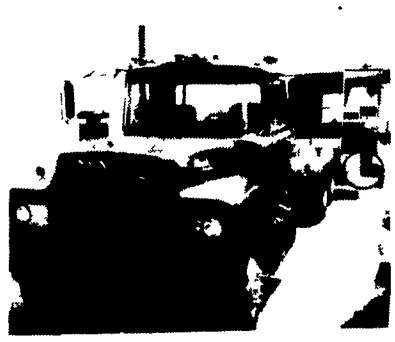


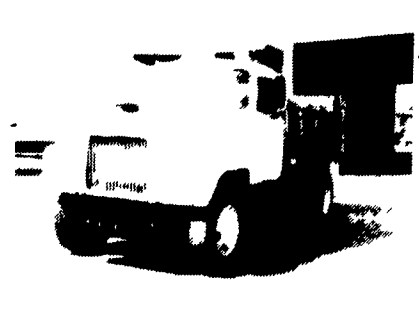
87 FORD L8000, 22' C/C 3208 Cat w/5 Spd, P/S, AM/FM, 2 Available For Sale **Selling at $19,000**



79 MACK SUPERLINER, Mack 350 w/Mack 10 Spd, P/S, A/C, Custom Interior, Wet Line **Selling at $16,000**



83 MACK U686ST, 24' C/C Mack 300 w/5 Spd, 227" W B, 46,000 GVW, Double Frame **Reduced $13,800**



79 MACK R-MODEL DUMP TRUCK, Mack 300 w/5 Spd, 33,500 GVW, New 10' Bed **Selling at $19,900**

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Engine Rebuild, Good Rubber,
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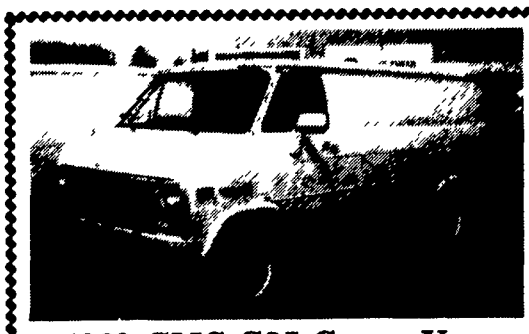

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8600 GVW, 6.2 Diesel, AT, PS, PB
19,000 Miles, Also 1988 With
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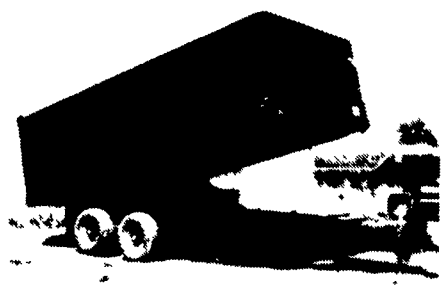
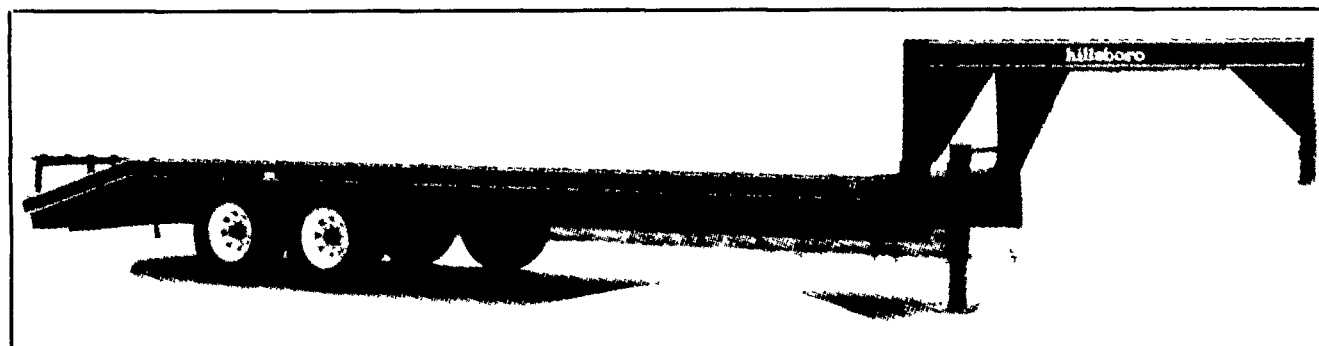
1750 Serial w/3208 Cat Engine
w/Allis Trans. & Asplundh LR 45'
Bucket, Good Condition
717-438-3354

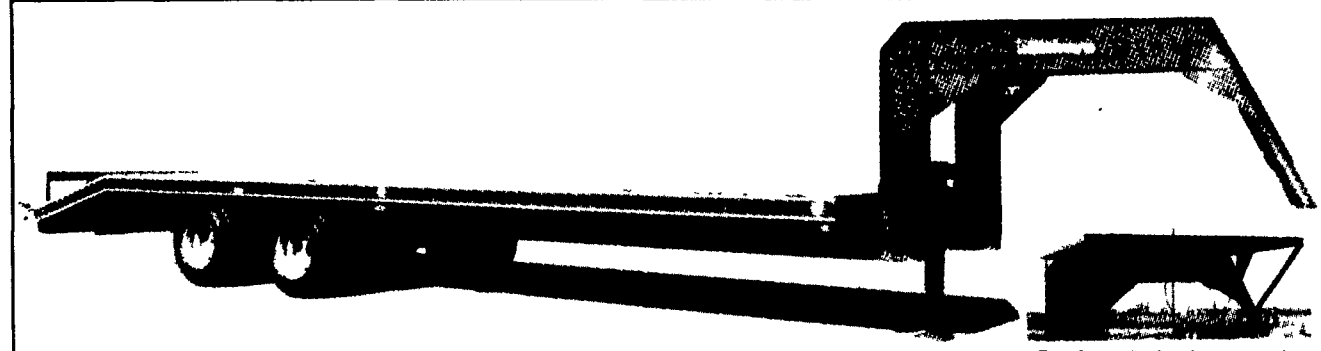


Grain Body Dump Trailer
16 Ft., Electro-Hyd. Dump 15 Ton,
12,000 G.V.W. Electric Brakes
$6,500.00
Ringo Hill Farms
215-346-7340

hillsboro
flatbed trailer
with flip-up beaver tail



24 Foot Length Shown **5 - 24 Ft. Models Now In Stock**



28 Foot Length Shown **1 - 28 Ft. & 2 - 32 Ft. Models Now In Stock**

Optional deck over the neck is 7½ 'x8'

The FLIP-UP BEAVERTAIL raises and lowers in seconds -- slide out ramps are stored under the beavertail The Hillsboro Flatbed features a full 96" deck width which is more value than the competition

The Hillsboro Flatbed is available in two styles, the 20' and 24' trailer with standard neck, and the 28', 30' and 32' trailer with heavy duty neck

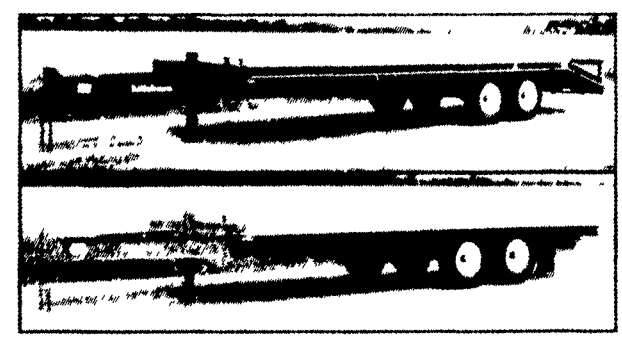
VERSATILE — RUGGED — RELIABLE and REASONABLY PRICED!

The Hillsboro Flatbed Trailer with flip-up beavertail can be the one trailer that means lower cost for you Here's why!!

VERSATILITY! That's what makes a Hillsboro trailer such a good investment With the beavertail down it's an excellent trailer for moving wheeled equipment Flip the beavertail up and it adds an extra four feet of deck space for hauling hay and other bulky loads

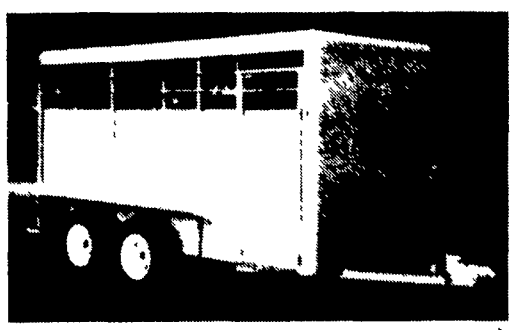
HERE'S WHAT HILLSBORO QUALITY MEANS - All Hillsboro trailers are manufactured in precise jigs and fixtures which assures excellent alignment of axles, a better pulling trailer, a level and square trailer

HILLSBORO WORKMANSHIP INCLUDES-Exceptional weld quality, material that is chemically cleaned, two coats of high quality paint, material strength engineered into the best flatbed value



hillsboro industries, inc.
220 Industrial Road • Hillsboro, Kansas 67063

New! Shirk Stock Trailers



6'x12' — 7,000 lb. GAW, 15" wheels with Divider Gate

6'x16' Gooseneck
10,000 GAW, 16" Wheels With Divider Gate

Other Sizes & Models Available

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Located In The Village Of Farmersville, Lancaster County
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Stock No. 0-9543, 90 F350 Dualie Pick-up, 460 EFI V8, auto, O.D., XLT Lariat, Air Conditioning, HD tow package, AM/FM cassette, P235 tires

List $20,861

NOW $17,896 inc. rebate

FOR SALE· 6'x16' gooseneck stock trailer, new running gear, good 8 ply tires, $1,200. Dauphin Call 717-533-7051

For Sale 24' Reefer Box, also assorted PTO's 717/286-1064

Gooseneck trailer 1978 24'x6' canvas top, $3,000 OBO 215-458-8121

FOR SALE. 1986 4x4, Chevy pickup. A/T, P/S and P/B, excellent condition (215)267-4739 after 7 p m Lancaster County.

Liquid manure truck 3200 gallon tank, top, rear discharge powered by Diamond Rio 238 Detroit diesel, tandem axles, ready to work (717)532-6116

Kilron aluminum 16' box body, good shape, $175 15' all steel dump body w/30 ton hoist, $2,000 OBO 12' stake body, $125 (301)452-8643 between 9-10 a m , 7-9 p m

WANTED Used gooseneck flat bed trailer 302/398-8754

Weaver Distributing (717)865-7240 All kinds of hitches and towing accessories! See our ad page D-11

'88 Ford F250, ¾ ton, 300 EFI, HD, 4 spd , PS, PB, AM-FM, dark blue, $7,950 717-733-2873

'90 Ford F-250HD, 4x4, XLT Lariat Super Cab Camper package, 7 3-Liter diesel, 4 10 axles, running boards, skid plates, towing package, dual tanks, 8,800 GVW, 4,000 mi , 56 month warranty limited slip rear, $ 2 2 , 0 0 0 - O B O 717/477-3498

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1983 MACK Midliner
with Reefer Body, Thermoking Unit Cools Properly, P.S., 5 Speed Trans.
$12,500
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Huntingdon Equipment Co.

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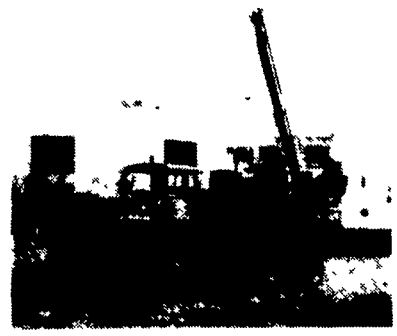
Huntingdon Valley, PA • 1-800-543-3833 • Eddie

Bucket Truck, Ford, F-700, 1980 with auto V8 vac brakes, 10x20 with hiranger, model 7-50, 4 outriggers, 1070 cap, small winch on upper boom, large basket, utility body **Price $24,500.00**

Lift Platform, 1981 International, Model #1624, V8, auto, with lift-a-loft, Mod #IM24-8-8F, 2 outriggers, 30' working height large platform **Price $8,900.00**

W-4 Case, S/N-1166247, articulately loader, **Price $9,000.**



One of several diggers **Low As -$12,000.00**

FWD 12000 lbs. cap., 2 Sec Hyd. Boom, 1 pull out, 46' total, also has bed winch **Price $5,000**

Baker B-10 - 2 stage hydraulic, boom tip winch, Adams 3 speed bed winch, 2 speed auger, 1980 Ford, Cat 3208, 5/2 - air with dryer, Ready to go

DIGGER DERRICKS/AERIAL BUCKETS/UTILITY EQUIPMENT

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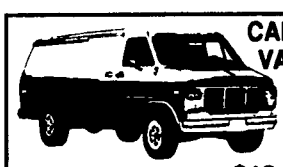
Lancaster County's ONLY Certified GM Medium Duty Dealer!

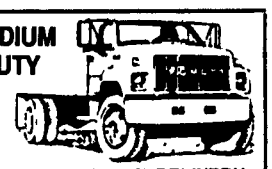
GMC NEW & USED LIGHT & MED. DUTY TRUCKS

It's Worth The Trip To Hamilton GMC!



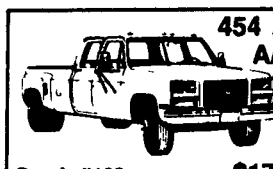
CARGO VANS
4.3 Auto, #176 ..... $12,999

V8 AUTO.
Stock #9535 ..... $15,499



MEDIUM DUTY
C5
C6
C7
IN STOCK-READY FOR DELIVERY

V8 AUTO
w/Stake Bed
Stock #191 ..... $13,925

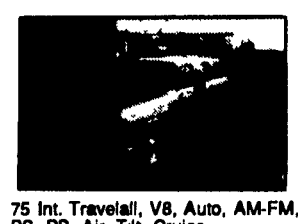


454 Auto A/C
Stock #193 ..... $17,999

86 GMC 1500, 4x4, Sierra Classic, V8, Auto, Air, Tilt, Cruise, PW, PL, Dual Tanks, #246A, Was $9,995 ... .Now $9,495

83 Ford Bronco XLT, 4x4, 302 V8, Auto, Air, AM-FM, PS, PB, #1028A, Was $9,995..... .... ..Now $9,495

88 Chevy R30 Dump, 350 V8, 4 Speed, Radio, Like New, #5062, Was $15,995 . .....Now $15,495



75 Int. Travelall, V8, Auto, AM-FM, PS, PB, Air, Tilt, Cruise, 82,000 Miles, Very Nice, #9674A, Was $3,495 ...Now $2,995

New 89 S15 Pickup, 4x4, PS, PB, Air, AM-FM Cass., Sliding Rear Window, Sierra Classic, 5 Speed, Long Bed, #9411, Was $14,750..... .....Now $10,990

88 Chevy ¼ Ton Cargo Van, V8, Auto, AM-FM, Sliding Side Door w/Window, 44,000 Miles #093A, Was $9,995.. . . . Now $9,495

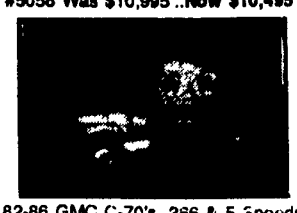
87 GMC Sierra 2500 ¾ Ton, V8, AT, PS, PB, AM-FM, 31,000 Miles #5058 Was $10,995 ..Now $10,495

85 Chevy .10, 4x4, Silverado, V8, AM-FM Cassette, PS, PB, #9441A, Was $9,495 Now $8,995

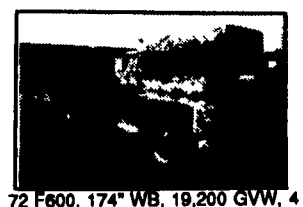
87 ¼ Ton High Sierra, 350 V8, Auto, 8600 GVW, PS, PB, #7107, Was $9,995 Now $9,495

86 Ford Ranger 2.9 V6, 5 Speed, AM-FM PS, PB, AC, Tilt #165A, Was $6,995 . . .. Now $5,995

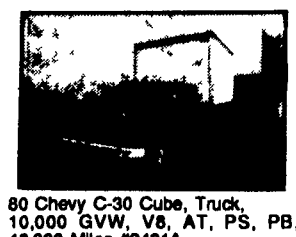
87 Step Vans - Low Miles!, 4 Cyl Cummins
As Low As $12,500



82-86 GMC C-70's, 366 & 5 Speeds 18 to 24' Bodies As Low As $5,995



72 F600, 174" WB, 19,200 GVW, 4 Speed, 2 Speed Rear, 12 Ft. Grain Body Dump, #6219A, Was $4,495.....Now $3,995



80 Chevy C-30 Cube, Truck, 10,000 GVW, V8, AT, PS, PB, 48,000 Miles #9431A Was $6,995.....Now $5,995

78 Ford LN-8000 Dump, 3208 Cat, 31,000 GVW, #6122, Was $21,900..... .....Now $18,999

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48' 45' 28' and 27'
Both refrigerated and dry.
Both 96" and 102" wide.
Tankers also available 9,000 and 8,000 gallons.
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Late Model F250 or F350
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Take Over Payments
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Rte 272, P O Box 415, Brownstown, PA 17508
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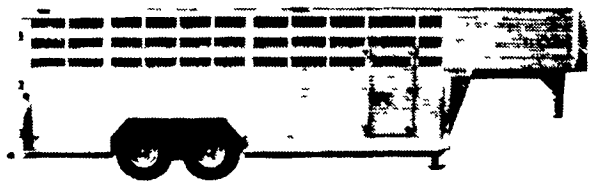
ALL ALUMINUM MINI "B" GOOSENECK TRAILER

BUILT WITH THE SAME PARTS AS THE BIG "CIRCLE B" TRAILERS.



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- 7' Wide x 6'6" Inside Height
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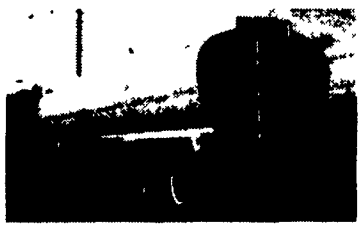
FOR SALE

Crew Cabs Of All Sizes - ¾ ton to 1800 Int. utility bodies & dump bodies, gas or diesel (10 to choose from)

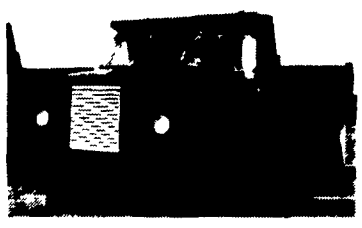


Alum. or SS tank trailer of all sizes, 1 comp. to 5 compartments. (10 trailers of different sizes to choose from).

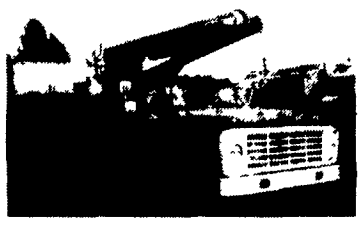
Fuel Oil Home Delivery Trucks from 2,000 gal. to 3600 gal. 1 comp. to 5 compartment, alum. & steel, (15 of all sizes to choose from.)

1977 Mack AB 5 speed, w/or w/ out 22 ft. twin screw reefer body, very good condition.

Grain Body Trucks Of All Sizes 5 to choose from.

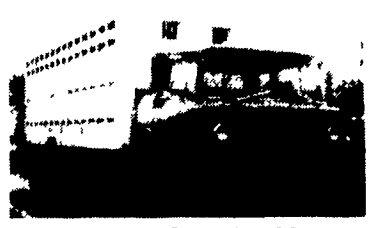


Single Axle Dump Trucks Of All Sizes 25 to choose from.



1974 F700 Ford Asplundh Bucket Truck 3 others to choose from.

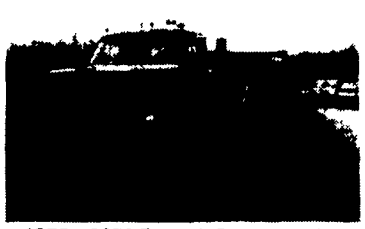
USED TRUCK PARTS
Gas and Diesel
Motors
Rears And
Transmissions
Tires Of All Sizes



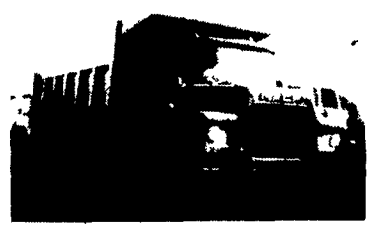
1977 CO700 Ford New Motor, Newly Painted w/16 Ft. Alum. Eby Body.

1979 F8000 4x4 All wheel drive w/3208 cat motor. 23,000 mi. only, w/or w/out snowplow & cinder spreader.

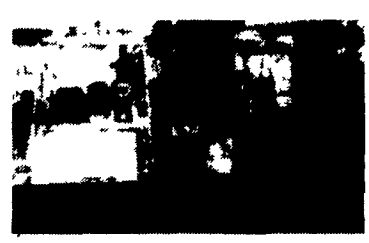
Reefer Trucks Of All Sizes from 9 ft. to 22 ft. Thermo/King and plate ref. (30 ref. tk. to choose from) Will sell tks w/or w/out ref. body or ref. bodies only.



1978 - 2070 Int. PS 5+2 spd, DT 466 motor w/26 ft. Jerr-Dan roll back.



1978 R Model Mack 300 motor, 10 spd. RR triaxle w/new 17½ dump body.



Tenant Sweeper & Forklifts of all sizes (25 to choose from).

1976 CO700 5+2 spd., PS w/or w/out 22 ft. flatbed, just repainted & reconditioned.

MORE THAN 350 TRUCKS ON LOT AT ALL TIMES
USED TRUCKS OF ALL TYPES - GRAIN BODIES - REEFER - DIRT DUMPS TRUCK TRACTORS - SINGLE AXLE- DRY & REF BODIES, NEW & USED STAKE AND DIRT DUMP BODIES OF ALL SIZES- (We Buy, Sell & Trade) USED TIRES, WHEELS, OF ALL SIZES - USED TRUCK PARTS AND MOTORS — GAS AND DIESEL

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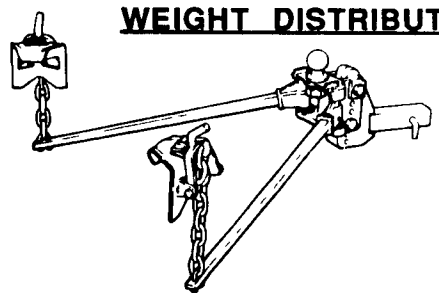

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$132.00
1000 LBS. Adjust...
$179.00

OPTIONAL PLATE W/ASSY.
$220

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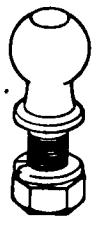
BALL MOUNTS WITH PIN & CLIP

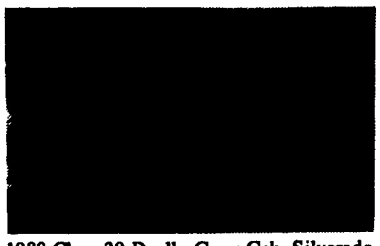
#33 .....#1..... $15.50
#44 .....#2..... $16.50
#55 .....#3..... $23.95



Other Sizes Available

C1	1- 7/8 x 3/4	$8.00
C2	2 x 3/4	$8.00
C3	1- 7/8 x 1	$8.00
C4	2 x 1	$8.00
C5	2- 5/16 x 1	$9.00

USED TRUCKS



1988 Chev 30 Dually Crew Cab, Silverado, AT, PS, PB, AM-FM Cass., PW, PDL, Cruise & Tilt, 454 FI, Local 1 Owner, 24,000 Miles, Excellent Condition. **$15,400**

1988 Ford F350 Crew Cab, Single Rear Wheel, 351 FI, AT, PS, PB, Brown & White, Bedliner, Exc. Cond. **$10,900**

4 Crew Cabs To Choose From!

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1980 Int. 1700S, 15' Stake Truck. 5+2 9.0 engine, new heads, new paint, GVW 20,200, have hyd. to make dump, very good condition, $7,500

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1980 Dodge D40, 8 Cyl., 4-spd. ladder truck, approx. 25' reach, GVW 10,500, motor needs rebuilt, good condition, $2,500.

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These Units For Sale!

- **48'x13'6 Fruehauf Van**
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- **Large Assortment of Other Van Trailers**
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- **12'x45' Office Trailer**

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137" & 161" W Base, 7.5L 460 CID, 5 Speed H.D. Trans., All Terrain Tires, 11,000 Lb. GVWR, Knitted Vinyl Seats, XL Trim, AM/FM Stereo, Handling Package, Light/Convenience Group, Dual Rear Wheels.

'90 F-250 H.D. 4x2

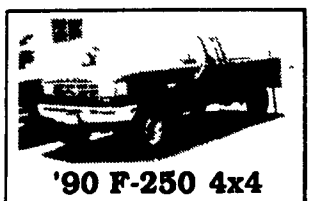
8600 Lb. GVWR, 5.8 EFI, Automatic Overdrive, Chrome Step Bumper, Deluxe Two-Tone, Cloth Seat, Speed Control, Tilt Wheel, Stereo, Light Group, Aux Fuel Tank, Convenience Group, Swing Away Mirrors, Headliner/ Insulation Pkg.

'90 F-150 SUPERCAB 4x2

139" W. Base, 5.02 EFI V8, Automatic Overdrive, Custom Trim, Step Bumper, All Season Radials, Air Conditioning, AM/FM Stereo, Tinted Glass, Light/ Convenience Group, Knitted Vinyl Seats.

'90 F-250 4x4

4.9L 6 Cyl., 5 Speed Overdrive, Lock Out Hubs, Spare Tire/ Wheel, All Terrain Tires, Step Bumper, Deluxe Two-Tone, Cloth Seat, Tachometer, AM/FM Stereo, Sliding Rear Window, Wheel Covers, Handling package, Swing Away Mirrors, Light/ Convenience Group, Headliner/ Insulation Package.



'90 F-250 4x4 SUPERCAB

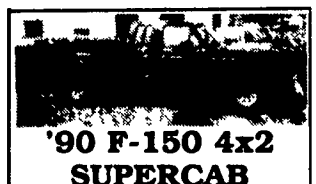
5.8L EFI 351 CID, Automatic Overdrive, H.D. Service Package, Argent Step Bumper, Custom Trim, LT235/85RX16E All Season Tires w/Spare, Knitted Vinyl Bench Seat, Light/Convenience Group, AM/FM Stereo, Tilt Wheel/Cruise Control.

'90 F-250 4x4 DIESEL

5 Spd. Overdrive, Custom Trim, AM/FM Stereo, H.D. Front Suspension, Argent Step Bumper, All-Season Radials, Tachometer, Light Convenience Group, Headliner, Insulation Package, Auxiliary Fuel Tank.

'90 F-350 UTILITY BODY

Reading Body, 5.8L EFI V8, Automatic Overdrive, Headliner/ Insulation Pkg., AM/FM Stereo, Vinyl Seats, All Season Radials, Spare Wheel, Tinted Glass.



'90 F-150 4x2 SUPERCAB

5.8L EFI 8 Cyl., Automatic Overdrive, Two-Tone Paint, All Season Radials, Trailer Tow Package, Chrome Step Bumper, Captain Chairs, Console, XLT Lariat, Power Windows/Locks, Tilt Wheel, Cruise Control, Stereo Cassette, Air Conditioning, Argent Steel Wheels, Handling Package, Sliding Rear Window

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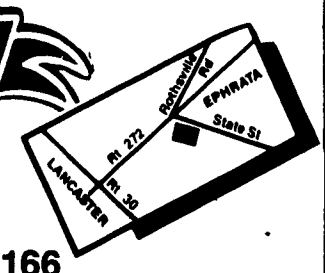

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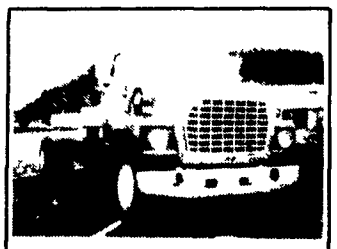
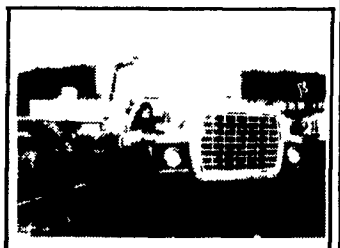
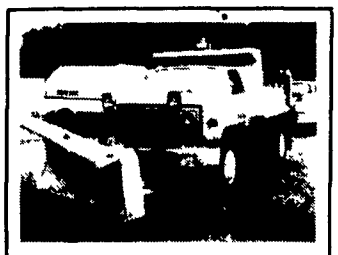
'84 LN 600 16' VAN BODY
165 HP Diesel, 5/2, 24,000 GVW



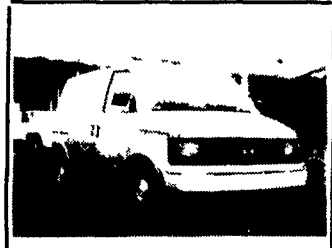
'84 FORD LN8000 CAB & CHASSIS
3208 Cat, 210 HP, 254" whlbs., 12,000 F/A, 12,000 R/A, 5/2 Trans.



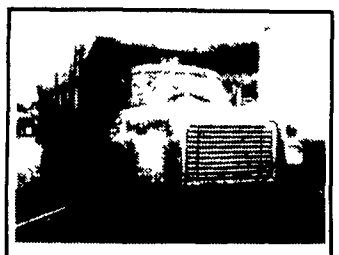
'86 FORD LN8000 CAB & CHASSIS
3208 Cat, 210 HP, 222" whlbs., 12,000 F/A, 21,000 R/A, 5/2 Trans., 33,000 GVW



'76 CHEV C-65 DUMP
366, V8, Gas, 5/2 Trans., 9' Dump Body, 10' Volk Plow, Cinder Spreader



'85 GMC SAFARI VAN
V6, Gas Engine, AT, PS, Side and Rear Door Windows, Ladder Rack



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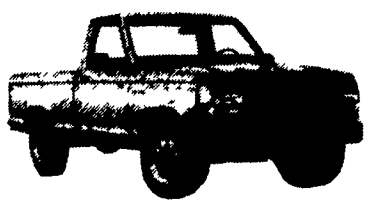

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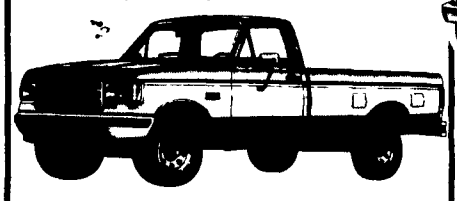

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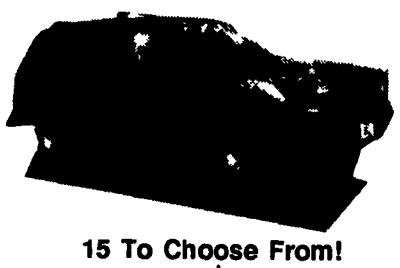

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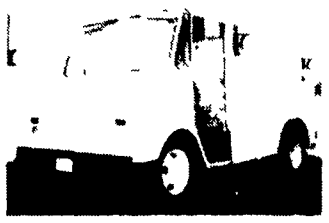

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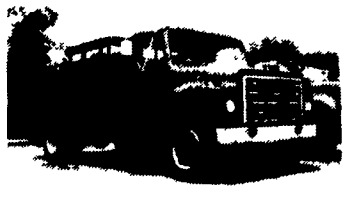

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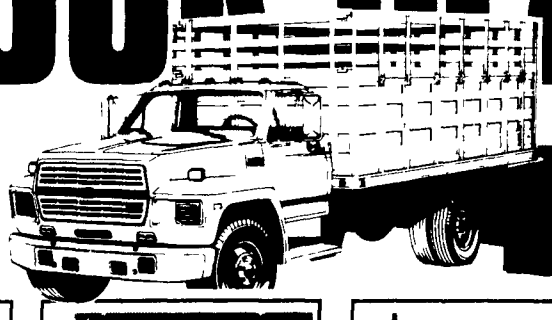

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6 Cyl., 5 Spd, PS, PB, Tilt, Cruise, Am/FM Radials, Low Mt. Mirrors, Hdln./Insul. Pkg., Deluxe Argent Wheels, Sliding Rear Window, Tach, Rear Step Bumper, #F1680
$12,196

'90 FORD F-250 4x4
V8, 5 Spd., PS, PB, AM/FM, Low Mount Mirror, Hndlng. Pkg., 8600 GVW, Sliding Rear Window, Tach, Sport Wheel Covers, #F1904.
$14,926

'90 F-350 4x2 CAB & CHASSIS
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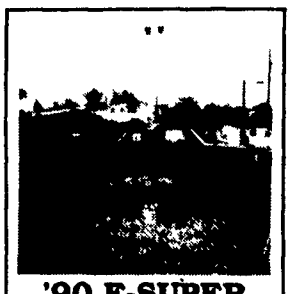
$13,568



'90 F-SUPER DUTY CAB & CHASSIS
V8, 5 Spd, PS, PB, AM/FM, 14,500 GVW, Tach; Super Engine Cooling, Headliner/ Insul. Pkg. #F1919.
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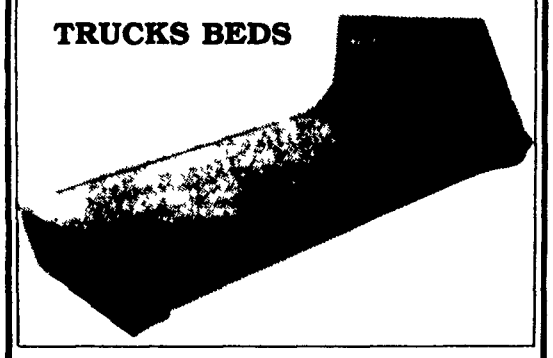

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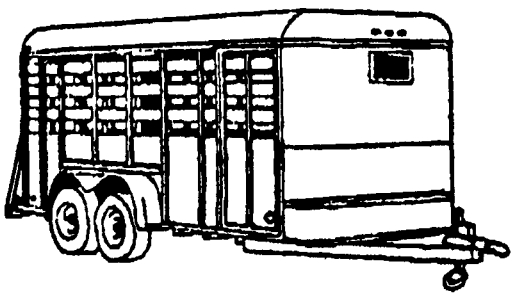

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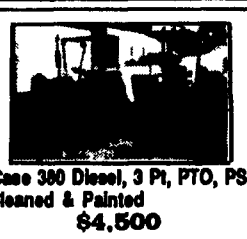

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$11,500

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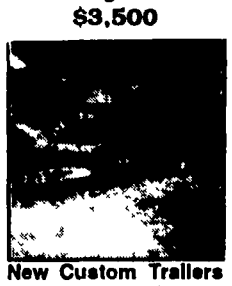
$6,500



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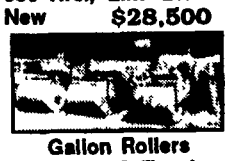
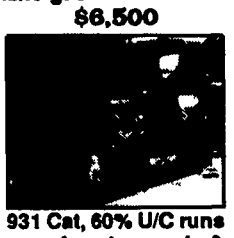


Gallon Rollers
(2) 10-14T Tandem Hydrostatic 6 Cyl., IH Gas $5,850 Ea.



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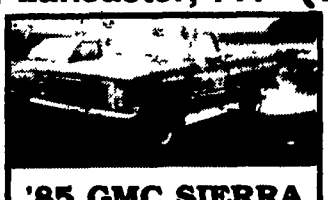
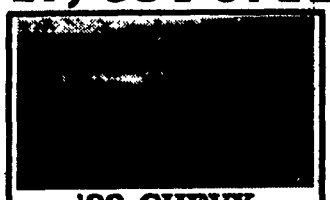
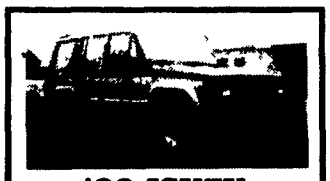


'85 GMC SIERRA CLASSIC 4x4
V8, AT, Very Clean #5411P
Was $9,995
NOW $7,995



'89 CHEVY ASTRO VAN
8 Pass., V6-, AT, AC, #5449P
Was $13,995
NOW $13,295



'88 ISUZU TROOPER II
Loaded! #5447P
Was $13,995
NOW $12,795

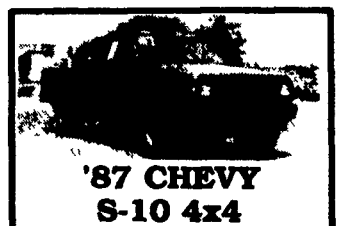
'87 GMC ¾ TON 4x4 SUBURBAN
V8, AT, AC, Trailering Pkg., Loaded #5441P
Was $16,495
NOW $15,495

'87 FORD BRONCO II
V6, 5 Spd, AC, XLT #5418P
Was $9,995
NOW $8,495

'88 CHEVY VAN
AT, V8, AC #5384
Was $9,995
NOW $7,995

SUPER-SPECIAL

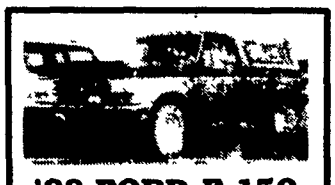
'85 ISUZU 4x4 PICKUP
#5442P
Was $2,995
NOW $1,995



'87 CHEVY S-10 4x4
V6, Auto, Air, Loaded
#5367
Was $9,995
NOW $7,995

'84 CHEVY S-10 PICKUP
5 Spd., V6, #5404
Was $5,495
NOW $3,995

'87 SUZUKI SAMARI 4x4
JX, Convertible
#5431P
Was $5,995
NOW $4,695



'88 FORD F-150 4x4 XL
5 Spd, 6 Cyl., #5398
Was $10,995
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36 REAL ESTATE

10 ACRE VEAL FARM with stream set for 120 calf operation. TOWN & COUNTRY REALTY Call agent Harry Zimmerman 717-299-4885 or 717-355-2048.

118 acre farm, 80 acres tillable, large house & barns w/pasture & streams Southern York Co., near 183. $287,000 717-244-1604

CLINTON COUNTY DAIRY FARM: Sale or long term lease. 142 acres, 90 tillable, balance pasture & woodland. 40 tie stall, 800 gallon bulk tank, 16x65 silo, loafing shed, all 8 years old. Implement shed 4 bedroom 1½ bath farmhouse. $169,000 Lease $800/month 717-769-6445

DAIRY COUNTRY Established Northern New York dairy farm on Canada/Vermont border, overlooking Lake Champlain/Green Mountains of Vermont. 390 acres of prime tillage, 412 acres total. Consists of 2 farms, 220 acres on one, 190 on the other. Pipeline system, 2,000 gallon bulk tank, easy feeding for 125 cows, year round. 3 BR farmhouse w/2 BR apartment. Also an attractive country home, family owned and operated but now wish to retire. (518)846-8132.

DAIRY FARM 65A m/l, pipeline, large barn, large brick home. JERRY FREY REAL ESTATE 717-397-7101 Call Bob Keller 717-653-1523.

Double house for sale, Everett, PA., Bedford Co Good income. Excellent retirement living. Call 215-445-9814.

Egg Producing Farm for sale near Hershey, PA; 22 Acres, chicken houses, 400x48', built in 1980, 60,000 bird capacity, 190x45, built in 1970, 15,000 bird capacity, both with equipment. 3 bdr farmhouse, bank barn and much more. All reasonable offers considered Call Shaffer & Son Realty Group for information 717/533-8700.

Egg Producing Farm for sale near Hershey, PA, 22 Acres, chicken houses, 400x48', built in 1980, 60,000 bird capacity, 190x45, built in 1970, 15,000 bird capacity, both with equipment. 3 bdr farmhouse, bank barn and much more. All reasonable offers considered. Call Shaffer & Son Realty Group for information 717/533-8700.

FARMETTE: Long Lane Leads to 19 acres of level land. Ideal for horse farm. 3 Bdrm, 2 bath ranch... Pristine area between Salunga and Mt.Joy exits of Rt. 283 Principals only -No Realtors. 717-273-7683.

FARM FOR SALE: Ready for restoration, 15 room stucco over brick. Solid construction. 125A, Private, but convenient to major highways. Offices considered. Jeanne Lutman, Broker. 717-267-1355.

Farm house and barn for rent in Lancaster County Reply to G-52 Lancaster Farming, P.O.Box 609, Ephrata, PA 17522.

Farm list and sales specialists. Call Ted Cochran or Janet Nicholson of Grempler Realty Inc., E.H.O.B 301-879-0900.

COUNTRY ESTATE POTENTIAL. Secluded, easy access. Two historic homes: Permastone, Log. Barn, outbuildings. Log springhouse, ponds, streams. 84 acres. Snyder County. $225,000 Harold Swigart Real Estate 717/658-5125

Attention Hunting Clubs-Investment Opportunity-50+ acres in Lycoming Co next to State Game Lands, near Pine Creek Lodge w/2 fireplaces, 5 outbuildings for RV & equipment storage Sale, Lease or Lease Purchase 215-637-4699

AUCTION SATURDAY, OCTOBER 6, 1990 117 acre farm, Lancaster, Pa Strasburg Twp 2 homes, barn, tobacco shed, 7 ponds, 2 springs. For information: Gordon Ressler. 717-687-7402 AU-1575-L.

BERKS COUNTY FARMETTE: 21 acre farmette, barn, workshop, springhouse, 3 car garage, in-ground pool. Value Priced at $249,900 Call Susan D. COLDWELL BANKER ALL COUNTY REALTORS 215-775-4800

Centre County acreage w/ views, suitable for home sites. Back off road 20 min. from State College in Penns Valley School District. 814-422-8451 Evenings

CLINTON COUNTY Adjacent Bald Eagle State Forest. Hard road frontage, easy access from 3mi I-80, 24 38 acres, sub-divided 6 parcials, perk approved w/ electric. Generally flat, open fields, orchards and woods Excellent deer, bear and turkey area $50,000/Terms BIG WOODS LAND CO 717-769-6445

21 acre farmette, 19 acre tillable, very good well w/ sawmill on property. 3 miles East of Blue Ball on Rt. 322. Amos Martin.

240A dairy farm S W of Withee 40 stanchion barn 4 bedroom nicely remodeled home with attached hip-roofed 3-stall garage with Rec. Room above, separate from house by breezeway-laundry room. Furnace wood/electric. 2 wells 50x150 machine building, 2400bu steel bin Will help finance 715-267-6025

35 acre Juniata County Farm, near Reeds Gap, 40x97' dairy bank barn, milk house, wagon shed, 5 bedroom house, road frontage, 23 acres tillable, 10 pasture, good for beef or horses. Additional adjoining 50 acres farmland available at $1200 acre Financing available $85000 717-734-3154

62 acre beef farm for sale, 4 miles East of Shippensburg, Haggerstown type soil, bank barn w/attached 40x120 pole shed, 120' bunk feeder, 20x70 silo, 38x100 equipment shed, 11,000 bushel grain bin w/ drying floor. 2 story garage w/shop, 100' heifer shed on concrete slats. Newer Cape Cod house, 4 BR, 2 full baths, brick and vinyl siding. $275,000. (717)532-9090.

66 Acres, Eastern Berks County, PA House, Barn, Sheds, Silo, Large Pond, Nice Location, $249,000. Pieller Realty 215-693-5624

Approx 250 acres land for sale, Bedford County No Buildings Private enterance Beautiful hide-a-way Good hunting area, adjoins State Parks and Game Lands Approx $1,400 per acre Call 215-445-9814

60 Tie-Stall Milk Factory On 26 Acres Near Mehoopany, PA. Modern Block Barn, Harvestore High Moisture Corn Unit, Adjacent Bank Barn For Non-Milkers and Storage. Large Home Partially Remodeled, But Needs Completion. Buy Your Forage And Spend Your Time Making Milk. A Steal At $127,000
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Ask For Dale (717) 836-4499

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Looking for farmland? Call us! We have two Amish farms available in the Myersdale area - 185 acres for $175,000 and 113 acres for $128,500. Also, 170 acres for $300,000. This farm has coal & clay suitable for mfg firebrick Some subdivision possible

We also have 195 acres available for $465,000. This farm features loose housing for a 125-head milking herd, 3 harvestore silos and 1 concrete stave silo, electronic scales, computer concentrate feeder, double 5 herringbone milking system, and outbuildings.

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22 Acre farm, private macadam lane, brick 2½ story house, bank barn, pond. ~~$159,900~~

Reduced to $149,900

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ReMax Family Tree
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CENTRE COUNTY

NEW LISTING #4823FA -GENERAL FARM SPRING MILLS AREA $229,500

- Approximately 130A, 35A tillable, 65A pasture, 13A woodland, 15A steep land and brush, 2A site area.
- 2½ story brick home built in the early 1800's ideal for restoration, summer kitchen, 2 sound implement sheds, corn crib and a sound foundation for another building.
- The house is ideal for potential use as a bed and breakfast There is substantial frontage on Penns Creek and approx 83A of the land has outstanding views of Penns Valley. This farm also has substantial subdivision potential.

#4715FA - DAIRY FARM, NITTANY VALLEY, $395,000.

- Approximately 193 acres, 165 acres tillable, woods, 5 5 A pasture, 17A woods, 5.5 A site & misc.
- Sound 2½ story aluminum sided house. Separate 2 bedroom apartment with garage. 2 story bank dairy barn. Built in 1968 w/46 tie stalls, pipeline milker, bulk tank, 30 ft. x 72' pole type implement shed. 12'x35' silo, trench silo, several other outbuildings.
- Nice laying productive land, mostly Hagerstown & Hublersburg Silt loam w/some Morrison sandy loam. Near Zion.

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $350,000

- 26 Acres - 24 Acres highly productive, tillable plus 2 acres site.
- 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn.
- Ideal for horses, only 3 miles from town.

#3637FA-GREENHOUSE OPERATION CENTER HALL AREA $164,500

- 7.22 acres substantial road frontage on Route 144, substantial Sinking Creek frontage
- Approximately 10,900 square feet of greenhouse area plus headhouses and a sound 2½ story home
- This business has a very well established local trade approximately 14 miles east of State College. This property has been well cared for and is in good condition.

HUNTINGDON COUNTY

#4711FB - 10 ACRE FARMETTE POTENTIAL NURSERY OPERATION, MOORESVILLE AREA, $135,000.

- 10.298 Acres w/approximately 8 acres tillable or pasture, 2 acres site area
- Fine 2½ story brick home built in the 1840's, sound 2 story bank barn, implement shed.
- The open land is level, and primarily Basher silt loam There is a pond and also stream frontage. 15 miles from State College.

#3621FA - GENERAL FARM, WARRIORS MARK AREA REDUCED $310,000

- Approx. 371 Acres (131 acres tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres woodland & misc.)
- 2½ story house w/most rooms remodeled.
- Soils on tillable land are primarily Hublersburg silt loam & Morrison sandy loam. 218 acres of woodland suitable for clearing & farming are mostly Hublersburg silt loam, 2-8% slope. Hublersburg & Morrison both have excellent productivity potential.

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500

- 55+ Acres (45.6 tillable, highly productive)
- Ideal for truck cropping and irrigation
- Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#3493 FA GENERAL VEGETABLE OR DAIRY RIVER BOTTOM FARM - WILLIAMSPORT - $175,000.00

- Approx. 112 Acres (89 acres tillable, 16 acres pasture. 7 acres site & miscellaneous)
- 2½ story frame house, barn w/milking parlor, free stall barn 2-20x60 & 2-20x30 Harvestore silos 42'x96' implement shed w/shop area. 40'x60' retail sales building.
- Highly productive, river-bottom land, Susquehanna river frontage for irrigation. Good growing season. Available with farmette below.

#3493 FA FARMETTE, WILLIAMSPORT AREA - $69,500.00.

- Approx. 10 acres (7 acres tillable, 3 acres site)
- Comfortable 2½ story brick farmhouse, 2 story bank barn, garage, 20'x50' Harvestore silo
- Situated in a rural area close to Williamsport

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS ABOVE. (Many land parcels available - FREE LISTS)

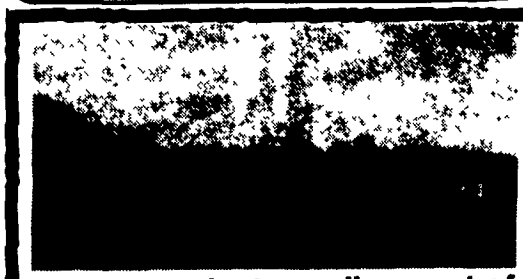
SOUTH CENTRAL VIRGINIA

3 Bedroom, 2 baths, turn of the century, sale box type house on 105 acres of land, shop, misc. buildings, horse trail. **Reduced $120,000.00.** Additional 70 acres cattle farm with lake and barn $50,000.00

127 Acres Partially fenced, 1/3 in hay, stream, **Reduced $98,500.00.** Additional 60 acres $35,000.00.

350 Acres +- Old Farm House, stream, $199,900.00.

Call 804-542-5652
L.T. RICHARDSON
ERA JIM NOLEN REALTY



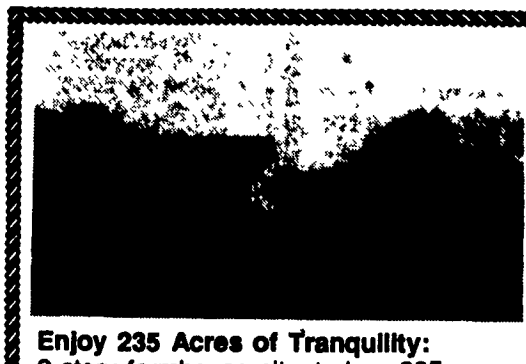
Farm for sale, two miles west of Elizabethtown along 283.

Two story dwelling house with tenant house attached, in very good condition. Combined garage and implement shed and a new pole type implement shed. Large barn equipped for 100 steers, two silos, one for silage and one for high-moisture corn. Concrete bunk feeder, feed mixer and tapered board feeder.

Three two story windowless poultry houses 40x260, 70,000 sq. ft. labor space. Equipped to grow broiler replacement breeders or regular broiler chicks, has new Choretime feeders, Shenandoah gas stoves, all in very good condition.

Total acreage 170 - 120 acres under cultivation, 40 acres woodland. Land in good condition.

Phone 717-367-5698



Enjoy 235 Acres of Tranquility:
2 story farmhouse situated on 235 acres m/l. Large bank barn, summer house, abundant wildlife, farm pond and stream. Lots of road frontage. Call office for brochure & plot plan. $250,900.

Handyman Special:
40 acres m/l for sale in Cumberland County. House needs work inside and out but has good roof. Small mountain stream and pond. Reduced to $99,900.

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WESTERN BERKS DAIRY FARM

153 acres w/beautiful stone home, barn, pond, and other out buildings. 120 acres tillable, mostly limestone soil, subdivision possibility.

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TIOGA COUNTY

58 acres wooded and open near Hamilton Lake, good views, close to town. $53,000 #1092.

68 acres, 6 miles from Wellsboro, excellent views and privacy, about ½ wooded and ½ open. Asking $61,200 #1093.

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SOUTHERN BEDFORD AND FULTON COUNTIES

Monroe Township, 150 acres w/90 tillable, balance in pasture and woods, good 2 story 1½ bath home w/ bank barn, outbuildings, pond & small stream $194,500.

Breezewood area, quality built 2400 sq ft, 3 or 4 BR, 3 bath home w/attached 2-car garage, 2 fireplaces, in-ground pool, plus many other amenities on secluded 9¾ wooded acres w/stream 4 miles from I-70 and PA turnpike $118,500

Crystal Springs area, 25'x50' 6 yr. old 3 BR vinyl-sided ranch home w/full basement. Enjoy the fantastic view from open front porch Located on 3 81 open and wooded acres, 2 miles from I-70 $69,500

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PORT ROYAL, convenience store and video rental, 2 bedroom apartment, small country town, great opportunity for husband-wife semi-retirement business or family operated business.

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FINGER LAKES AREA 121 acres, 80 tillable House, barn, machinery, sheds, haying equipment Two wells, spring. Rolling country Excellent cattle/ sheep farm House renovated, 4BR, two baths, 2,400 sq feet Owner will assist financing Brokers protected $140,000 (607)243-7259

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FOR RENT Dairy barn w/ pasture in Bucks County Call (215)795-2081

FOR RENT Dairy barn w/1 or 2 houses, 62 stanchions milking barn, 6 box stalls w/133 cow free stall barn w/automatic feeding, 3 silos, owner can provide feed if needed (717)547-2387

FOR RENT· Manheim area farm, large cattle lot, meadow, silo, bunk feeder, barn, shop, half of large farmhouse w/garage 717-664-2629

FOR SALE 152 acres, limestone farm in Franklin Co PA, suitable for Dairy and/or hog operation. Complete grain handling facilities for 30,000 bushels 10 room native stone house, has approx 1 mile road frontage Located near major industries and Interstate Hwy. Call 717-597-9748 after 8PM

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For the Sportsman Own your own island in the center of the Susquehanna River near Dalmatia. 32 acres w/rustic cabin $125,000 Century 21, Central Penn Associates Ask for Mary Jo, (717)374-2121

Fully equipped dairy farm wanted in Lancaster Co area to farm or to take over! Contact Me Soon 301-287-3927 324 Old Bay View Rd, North East, MD 21901

House for Sale with large lot Excellent retirement area Bedford County, Mann's Choice, PA Call 215-445-9814

JUNIATA COUNTY 48A farmette, conveniently located, road frontage, water on property, new 4-box stall barn, 9 rooms, 5 fireplaces, ¾ remodeled Call LEIDY REAL ESTATE 717-527-4127

Juniata County 2-story hand hewn log historic home. Quiet Amish community. Oak kitchen w/ hearth, beam ceilings, LR and master BR w/fireplace, BR has exposed log wall, spring house, on 1½ acres $69,900 if desired an additional 1½ acre for $18,000 (717)535-5052.

WANTED TO LEASE dairy farm with option to buy in southeastern York Co or Southern Lancaster or Chester Co We need by early Spring of 1991 Send replies to Box B-9, %Lancaster Farming, P O Box 609, Ephrata, PA 17522

WANT TO SELL YOUR FARM? List your land w/ Broker who has specialized in farm sales in PA and MD for past 19 years. Want results? Call 301-733-3701 Days; 717-597-2584 Eves, Lawrence Stouffer, HEYWORTH REALTY.

A PRIME LOCATION NORTHWEST BERKS

160 Acre executive estate, south of Blue Mountain. Level land with stream running thru property Spacious 125 year old 2 story stone house with 9 rooms, 5 bedrooms and 2 baths 40x120 bank barn, 2000' set back from country road 3 minutes off I-78, 30 minutes to Allentown, 25 minutes to Reading Price $650 000 00 Call Homer Kershner at

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Fishermen's Paradise, 35.6 acres wooded, 1,800' bordering stocked trout stream (Muncy Creek). Good hunting, near State Game Lands in beautiful Sullivan Co.

F. Calvin Beinlich
Box 1092
Forksville, PA 18616
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FOR SALE

43A in Southeast Potter County, 3 Sides Border State Forest Land.
Next To Ole Bulls State Park
Once In A Lifetime Opportunity!
Oleana, PA
$49,000
Ph: 717-866-7565

NEW OPPORTUNITIES

LANC. COUNTY - 39 acre dairy in Ephrata area. Comfort stall farm and free stall, bunk feeder from silo. There is a shaving business doing approx. $50,000 gross per year. A great opportunity for a lg. family. Priced under $400,000

TIOGA COUNTY - 191 acre dairy farm with 2 large silos, 48 comfort stalls, pipeline & barn cleaner, lg. 5 bedroom home, out bldgs. and 2 ponds. An excellent buy @ $164,500.00

BRADFORD COUNTY - 250 acre beef, sheep or hog farm. Could be dairy w/ renovatons. Lg. silo and farm house. $225,000.00.

Sanford G. Leaman
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For Sale By Owner

134 acre dairy-grain farm 6 miles northwest of Gettysburg, PA scenic farming area, 2-story brick Civil War farm house, pond, stream, bank barn, dairy barn, 3-car garage, chicken house and metal machine shed. Approximately ¾ miles township road frontage. Possibility of 39 acres of adjoining parcel for sale also. Asking $415,000.

Call (717) 677-8168

LYCOMING COUNTY AREA

Factory building, 29,000 sq. ft. $86,000.
Hardware business, $40,000.
Laundromat Business, $20,000.
County Tavern, near State Game Lands, $179,900.
Motel-Bar-Restaurant, $650,000.
102 Acres, ranch home, barn, Near State Game Lands. $184,900.
24 Acres, Bald Eagle State Forest Area. $50,000.
Cabin, Ricketts Glen Area. 3 acres, good hunting. $46,000.

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135 Acres Sampson County N.C. near major highways. Poultry, hog country. Small stream, 100 acres, growing timber, $525; 35 cultivated acres $1250.00 per acre.

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303 acres, all tillable, limestone soil — band of Hagerstown loam. Two updated farm houses, barns, 6 Harvestore silos, milking capability for 140 cows. Top yield alfalfa grower PA state.

Low taxes. Beautiful location between Pittsburgh and Harrisburg.

Call **Nancy Lucas**
at
Prudential Stultz Real Estate
814-695-4463

52 acre farm, one of Cumberland County's Choice Location. 4 bedroom brick home-bank barn- other outbuildings. In ground pool. Property has beautiful vista of both the north & south mountain. Has been vacant for 2 years. Needs TLC.

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$385,000
98 acres fully equipped, 50x80 controlled environment storage building, 40x60 packing house, tray pack line, irrigation equip., includes tractor, sprayers, almost everything stays, three living quarters. Small cottage, mobile home and modern apartment above the packing house, ask for brochure
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Herkimer County, Central New York

400 acre dairy farm, 250 tillable, Honeoye soil. Barn and heifer barn hold 150 head. Pipeline milker, 2 bulk tanks, 20x70 Harvestore, 20x30 Harvestore, liquid manure system. 54x108 pole barn, 40x60 pole barn, Immaculate 4 BR home, modern kitchen, 1½ baths, fireplace, office. Second home available. Inground pool. Cattle plus complete line machinery. Asking $550,000 bare $650,000 stocked and equipped.
Owner/Broker
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Mohawk, NY
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89 ACRE FARM

4 buildings consisting of 75,000+ sq. ft. Ideal for poultry or hog. Presently remodeled for 600 sow feeder pig operation with room to grow. 4 generators, 4 wells, 3 bdr. brick house, equipment shed, horse barn, 2 trailers, plus more. Excellent deer and bear hunting. Great recreational area. 10 minutes to Hammond and Tioga Lakes. Possible owner financing. Tioga Co.
Only $310,000
Call 717/249-1271

So. Northumberland Co. & Surrounding Counties

5 acres, 3 bedroom home, large garage, extra large bank barn, machine shed, very private. No Down Possible

Snyder County: 3 acre farmette, 3 bdr. 90 year old home- in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000.

6 miles north of Gratz, 115 acres - 60 level tillable Stream thru pasture. Spring water to house. Heifer barn w/silo. Owner Financing

Large colonial, 3 barns, 10 acres, more acres available Rent Option Possible.

Large colonial, 3 barns, 170 acres. Rent Option Possible

300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing. $77,000.

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees No Down or Rent Option $89,000

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

CUMBERLAND COUNTY - 90 acres, more or less, in this dairy farm. 60 tie stall milking barn with stable cleaner. Original 2 floor bank barn. 2 silos. Remodeled 8 room house. Limestone soil.

CUMBERLAND COUNTY - 145 acres, more or less, with 2 barns, hog pen, implement shed, chicken house, 3 car garage, 10 ton grain bin. DeLaval milkers, 1000 gallon bulk tank. Modern 8 room house.

FRANKLIN COUNTY - 86 acres, more or less. 13 room house - not modern. Barn, garage, other outbuildings. 2 springs.

Hale REAL ESTATE
14 West King Street
Shippensburg, PA
717-532-2814

FELTON AREA

$260,000. Equestrian delight, this 11 acre farmette is ready for you and your horses to move into. All brick rancher has 4 bdrs., 2½ baths, TV room, family-room with woodstove, 2 car garage. A 48x58 ten stall barn with hay loft, asphalt isle way, tack room, running water and electric, a running shed, workshop, two large pastures, 2 small paddock areas and a 60x180 riding ring complete this horse lovers delight.

Call Evelyn Williams
At Coldwell Banker
Bob Yost in Shrewsbury
for your private showing.
717/235-3814 717/757-7811
301/472-9320

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free rural properties list.

See the July 28 or August 25 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 234-4000
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 466-2118

KISSINGER LEONARD & BROWER Realtors
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

LAKE WYNONAH Special lots, $7,950 w/ water. Owner financing. Free literature. Harvey Cresswell RE. 1-800-542-2933 Call Dan

LYCOMING COUNTY. Adjacent State Game Land and PA Fish Commission. 65 acres w/50 unit travel trailer park, overlooking 365 acre lake Excellent fishing, hiking, hunting area 12mi North of Williamsport PA. Excellent opportunity for semi—retired and ambitious couple who wishes investment opportunity w/recreation $175,000/Terms BIG WOODS LAND CO 717-769-6445.

North of Somerset 100 acres excellent crop land, house, barn, shed, silo, pond, good water supply, no gov't claims 814-445-4792 Evenings-Mornings.

Somerset County- 2 adjoining well kept stock farms. 205 acres. 170 tillable. Good buildings near Somerset on hard road. Stream on farms, 4 springs, working sugar camp Call owner 814/445-9809.

Southern Lancaster County 85 acres, near level land, large set of buildings (717)548-2241, (717)397-3944

Sullivan County. 300 acres, lake, timber, public road, cabins, etc 717/546-6453.

TIOGA COUNTY, PA. 52 acres half wooded Terms available $39,000. Endless Mountain Real Estate 717-297-2409. Dick Berry 717-596-2935

WANT TO PURCHASE
Farms in Lancaster Co.
717-393-0646
Ask For Dave Skidmore

500 ACRE FARM FOR RENT
Allegheny County, N.Y., very fertile soil, excellent drainage, large dairy barn, 2 silos w/unloaders, very large remodeled 6 BR farm house. $1500/month, available Spring, 1991
(201) 362-5980

FOR SALE
Lancaster Co. Dairy Farm
76 Stanchion Barn
4 Silos, barns
5 Bedroom house
132 acres tillable
Call Dave Skidmore
717-393-0646
Hogan & Assoc.

Hunting In Juniata County
16 acres, back country location, woods, field, stream, solid brick home, over 100 years old. Needs TLC. **Act quick on this one, call soon for details.** $50,000 ML51164

KINGSWAY REALTY
1770 Oregon Pike
Lancaster, PA 17601
717-569-8701
717-733-3344

IOWA FARMS

403 Acres In Southeast Iowa Includes livestock facilities and modernized 3-bedroom home. $475 per acre.

2200 Acres In Southern Wisconsin 5 houses, cropland, cattle and hog facilities.

Please call or write for our farm property newsletter with more listings available.

Hertz Farm Management, Inc.
P.O. Box 500
Nevada, Iowa 50201
515-382-6596
800-593-5263

NEW YORK STATE FARMS

Finger Lakes: Ontario Co. 760 Acres, 500 tillable, New York state's finest soils, Honoeye and Lima, excellent dairy farm w/ milking parlor, 200 free stall barn, 2 stave and 3 Harvestore silos, slurry tank, 4 houses. Call for details.

473 Acres, 350 tillable, excellent Honeoye/Lima soils, 100+ freestall barn w/ parlor, 2000 gal. bulk tank, basement barn, heifer barn, 4 silos, modern 5 BR Victorian home w/30' LR, modern kitchen/ FR, w/BFP, trailer, good water supply. Make good dairy or vegetable farm. $650,000 or 344 acres for $600,000.

STEUBEN COUNTY 1034 acres, 700 cropland, 200 free stall, double 6 parlor, feed computer, 3 concrete stave silos, 1 seal tight Madison, roll a mix feed mixer, conveyor, bunk feeder, 2 houses, cattle included. **$1,000,000.00.**

Thinking Of Selling!
Call
MCKNIGHT-HOGAN AND NOONAN REALTY, INC.
Ask For Jim Noonan, Broker
716-433-6788
716-434-5088 Eves. & Weekends

CENTRAL VIRGINIA

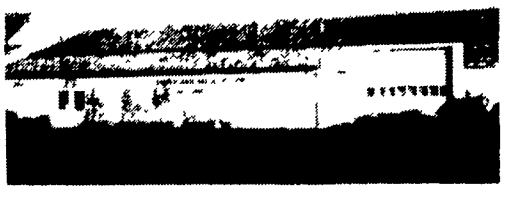
308 acre cattle/horse farm, 3 BR, 2 baths, brick rancher 166 acres open, merchantable timber, 5 acre lake, 1½ mile paved road frontage. A good buy for $335,000.00

138 Acre cattle/horse farm, 103 acres of excellent pasture and hay land, large creek, lake site, 4 BR, 2 baths, modern home, numerous out buildings. Only $200,000.00.

254 Acre grazing farm, several barns, long road frontage. Only $254,000.00.

41 acre cattle/horse farm, 26 acre open, pond site, 5 BR, 3 baths brick rancher, large barn or shop. Only $185,000.00.

Brochures available
Contact: Mike Lafoon
Coldwell Banker Lafoon Realty
720 Oak Street
Farmville, VA 23901
Office 804-392-6191
Home 804-392-4375



Farm Supply Store

Commercially zoned office and showroom on 1.1 +- acre. House is used as an office, showroom is a farm supply store and lawn & garden equipment dealer with both sales and garage areas. Both buildings in good condition. Adaptable to many uses. Call Herb Weaver for free brochures and information.

ERA GARMAN REALTY
95 Alexander Spring Rd.
Carlisle, PA 17013
717-249-7200

BUCKS CO. HORSE FARM

Horse Facility with 7.5 rolling acres, 5/10 pastures. Equestrian facilities comprise both indoor and outdoor all-weather rings, 17 box stalls, two wash stalls, tack room, feed and laundry room, 4 bdr. grooms apartment, office, fowling shed, indoor space for tractors, trailers.

Emaculate contemporary solar house includes free-form heated pool and year-round hot tub, multi level decking and a cabana.

A great deal at $529,000
R.A. Weidel Corp. Realtors
Agent: Edna Corson
Office: 215/862-9441
Home: 215/348-8225

CUMBERLAND CO. - 78 acre hog & beef farm, limestone soil, 1200 feeder pig operation with contract. 2 floor bank barn 16x70 stave silo w/unloader and conveyors for 80' precast H trough. 4 bdm frame & alum. siding dwelling. For details call Charles or Wib.

61 Acre limestone dairy farm, 33 tie stalls, 400 gal bulk tank, stable cleaner, 16x60 silo w/unloader, 4 bdr brick dwelling. Call for more details

We have buyers for farms If you are thinking of selling, give us a call for a free evaluation of your property

For Rent
Cumberland Co. Dairy Farm 115 acres, sandstone soil, 56 tie stalls, pipeline milker, Contact Charles Wenger

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FARMS FOR SALE IN HUNTINGDON CO.

1. Central PA, Huntingdon County 365 acre dairy farm, 300 acres tillable. 2 sets of buildings. Pipeline milkers, free-stall barns, 2 large concrete silos, 1 Harvestore grain storage. Farm can handle over 100 milk cows.

2. 41 acre country property. Includes 2 bedroom ranch home. Spring fed pond, stream. Some open land. Mostly woodland. Excellent hunting near Raystown Lake.

3. 120 acre woodland, nearly level. Take your pick. Seller will survey. Near Route 522 in the new industrial park. Buy all or part. You make the choice.

4. Hunter's Paradise. 162 acres w/old log house near State Game Land w/beautiful mountain stream, excellent deer & turkey hunting.

Colonial Real Estate Agency
W.R. Yocum Broker
104 Third Street
Huntingdon, PA 16652
(814) 643-4070

NEW YORK FARMS!

Cortland NY, two good farms side by side. Buy one or both. #1053 - 200 acres mostly all tillable, gently rolling productive land, large barn 87 tie stalls, 2 box stalls, calf & heifer barn, 50x80 machinery building, 4 silos, good 4 bdrm home. Asking $300,000.

#1012 - 230 acres, 130 tillable, balance pasture and woods. Additional 100 acres for rent. $15 per acre. Good two story dairy barn, 74 tie stalls, 3 silos, heifer barn, 2 houses, nice location. Asking $280,000.

Wyoming County - #767 - One of the best farms we have listed. 330 acres, 250 tillable, flat land, well drained Honeoye & Bath loam soils. 5 ton shelled corn and 120 bu. oats per acre, large barn for 80 cows + heifers & calves. 5 silos. Outside bunk feeding. Large machinery building. Spacious 10 room home in excellent repair, nice setting, long driveway, close to shopping & schools. $375,000

Posson Realty has been specializing in farm sales for over twenty years, covering 24 counties throughout central New York. If you are thinking of moving, give us a call, we can help you!

Free Farm List on Request!

POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727

CONESTOGA..... $899,900
This 107-acre farm is suitable for horses, tobacco, etc. With a restored 2½ -story brick farmhouse, plus outbuildings. A unique opportunity!
Call Norma Jean at
Concept 100 Real Estate 717-569-5500.

BRADFORD COUNTY

Farm with 160 acres includes house, barn, 1 mile road frontage and 1900' Susquehanna River Frontage.

Excellent Buy **$249,000**

For More Information
Call Bob
717-675-0520 or
717-477-5973

LUNDY REAL ESTATE

WIMPLE ASSOCIATES

528 ACRE 104 COW FARM: In rich honeoye soil belt near Richfield Springs. Hip roof barn has 104 stalls on 2½ " pipeline, (2) 20x60 silos plus 20x40 sealed for HM corn. Attractive 8 room main home plus 6 year old ranch style home. $425,000 bare. $150,000 extra stocked and equipped.

TREE-LINED LANE leads into this 120 acre farm that would be perfect for horses, beef or sheep. 80 acres tillable with 40 acre woodlot. Large swim pond. Home has 10 rooms, 4 bedrooms, newer oil heating system, fireplace. Pool. Hip roof barn with horse stalls. $139,000.

EASY OWNER TERMS: on this 72 cow farm near Utica. Farm has 200 acres with 40 woods and the balance open. Barn has 72 stalls, pipeline, cleaner, 850 gallon tank. 2 silos, unloader. Metal grain bin. Good 4 bedroom home, vinyl siding, enclosed porch. $139,500.

MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FAX: 875-6749
FREE DAIRY, ACREAGE OR GENERAL FARM CATALOGUES

BEAUTIFUL FINGER LAKES AREA

DAIRY FARM, 772 acres, 50x300 main barn double 8 milking parlor, 4,000 gal bulk tank, 40x144 heifer barn freestall w/36x36 calf area, 8 silos, 2 Slurrystore tanks, 50x100 machine shed w/large doors at each end, cattle and machinery included, 5 homes, #3022

POTATO/CASH CROP FARM, 893 acres, 500 acs tillable, highly productive soil, 100x24 insulated professional potato barn w/equipment, 60x120 potato shed, 105x30 barn w/30x60 addition, machinery included, updated 4 bedroom home, 2 car garage, #3046

WEST UNION, general farm, 150 acres, 70 acs tillable, pasture, forest, pond, main barn 40x60 2 story w/40x60 pole barn addition, 30x65 pole barn, storage shed, silo, older home, 1 & ½ stories, 8 rooms, 3 bedrooms, $98,500 #3068

HORSE FARM, 13 acres, 100x82 professional horse barn, (9) box stalls, 60x100 indoor riding/training arena, 24x24 holding paddock w/oak plank fencing, 16x40 2nd barn, updated colonial home, excellent choice for outdoor type family, $129,900. #3043.

SOUTHERN TIER, 33 acres Christmas tree farm, 9,000 white pine 4' to 7' trimmed this year, also 16,000 Douglas fir trees, 2, 3 and 4 years old, priced at $38,900 #3070.

BUSINESS AND LAKE HOMES.

WRITE OR CALL FOR FREE BROCHURES

MAKITRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
Fax 607-776-6665
24 Hrs. 607-776-2468
After Hrs. 607-776-2386

WANTED
Farms or Farmland in Lancaster area.
Call David Charles
717-569-3131

JUNIATA LAND SALE
- 2 Choice Building Lots, Public Water and Sewer Within Minutes Of SKI SNOW PEAK,
- 82 Secluded Acres, Near SGL.

We act as land locators
Contact: Charlie Brooks
DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

CABIN FOR RENT
Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters
$150/Weekly
717-658-9555

— FOR RENT —
5,000 Sq. Ft. Brick Building
in Manheim, Pa. - Will Subdivide
Can Be Used As A Warehouse, Furniture, Antique, Gift or Sports Store — Wholesale or Retail.
717-665-6960 or 665-4187

4 LANCASTER COUNTY FARMS

SHOW PLACE in a long lane surrounded by old shade stately brick home with nice apartment. There is a modern dairy barn with milking parlor, 132 free stalls, also 47 tie stalls. Implement sheds and storage barns, silos, lots more. Located in the highly productive area of Strasburg. **Call Collect 717-397-3571** Ask for Curtis Hess.

SMALL HORSE FARM, 2 box stalls, lovely 3 BR home, with fireplace and a large size livingroom, oil hot water heating, garage and lots more. $112,900.00.

APPROX. 3 LOVELY ACRES split rail fence surround grazing paddock area. Nice horse barn, 3 box stalls and storage, lovely 4 BR colonial home, has 2½ baths, fireplace in first floor great room, 2 car garage, **Call to see it** $237,900.00.

71 ACRES lovely level ground has fantastic possibilities, no buildings. $369,000.00.

AMISH COUNTRY 123 acres dandy barn. Here you can build your own home in Carion County only $69,000.00.

AMMON K. GRAYBILL JR., INC.
Call 717-397-3571
Realtor

COLUMBIA COUNTY
150 acres with good road frontage featuring 120 tillable acres & a two-story 3 BR frame dwelling Ideal for farming, X-mas trees or subdivision Madison Twp , Near Jerseytown
$217,000.00 R7336
ERA J.D. KILE & CO.
363 Market Street
Berwick, PA 18603
717-759-2215

508 acres, beautiful raw land, some high, some wooded, with over 4 miles of frontage overlooking the Octorara River. This exceptional property is one of the last remaining large plots of land in Chester County. Being offered at $2,500,000.
Call
215-444-6124 or 268-3654

60 acre farm with two stocked ponds, 2 streams, 6 springs. Barn and additional building. Picturesque setting. Home is listed with historical land site. Ideal for restoration. Could be used as a bed and breakfast, horse farm and other uses too numerous to mention. $379,900.
For appointment call
Jan McGowan
Krall Real Estate
1-800-537-1575
Century 21

100 ACRE DAIRY FARM
Beautiful farm located in Franklin County, PA just off exit 14 of PA turnpike Farm includes 3,000 sq ft 2-story stone home, corn shed, dairy barn, milk house, implement barn, silo, 100 free stalls, 80 acres of good productive limestone soil, a stream bordering the back of property all in picturesque setting Give us a call for your private showing & more details
CLOVER, INC.
Realtors
15-B Geist Road
Lancaster,
PA 17601-5909
(717) 656-2800
(717) 656-4676

NEW LISTING - LANCASTER COUNTY
10 Acre Horse Farm - New 12 stall horse barn, w/3000 bale hay storage, high tensile fence around entire farm. Frame farm house with 2 dwelling units and several other out buildings.
MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA
717-392-1177

2 SOUTH CHRISTIAN FARMS FOR SALE
252 Ac. stable tool shed tobacco barn.
165 ac. long black-top highway frontage, county water, no buildings.
Call or write for more details:
WEST KY. LAND & AUCTION CO.
1007 S. Virginia St.
Hopkinsville, KY 42240
(502) 885-3117
Nights: Stanley Fritz (502) 886-4216

YORK COUNTY FARMETTES
All brick farmhouse with charming 2-story summer kitchen, large bank barn, fruit trees & much more. Situated on 10 fenced acres. $149,900

Wonderful view from this secluded 14 acre farmette. Featuring 4 bedrooms, barn & stocked pond near York-Adams County area. $139,900

Near Dover - all stone house, many outbuildings in excellent shape, never-failing spring & stream on 20+ acres. $169,900.

7½ acre farmette with 1790 log farmhouse with 3 bedrooms, 2½ bath. Inground pool & very large bank barn. $159,900.

WITMER REAL ESTATE & ASSOCIATES
725 Plaza, Route 15 North
Dillsburg, PA 17019
717-432-0029 or 717-691-7820

THE
REAL ESTATERS OF MANSFIELD
1671 S. Main St., Mansfield, PA 16933
(717) 662-2138
Evening - 549-2604
Fax (717) 662-3611

OVERLOOKS COWANESQUE LAKE
681± acres with survey almost complete. On South side of Rt. 49 within 1 mile of new recreation complex maintained by the Army Corps. Baldwin Creek thru property. Long road frontage in back of access thru Army Corps off Rt. 49 in front. Some approved sewage sites. Excellent investment Just $362,000. Owner terms $72,400 down Bal. of $289,600 amortized up to 20 yrs at 11¾ % interest w/5 yr. balloon desired. M-730

HUNTING AND FISHING
at its best from this 98± acre tract of land in Rutland Township, Tioga County. Bailey Creek thru property (within sight of Mill Creek). Deer, bear and turkey can be seen frequently on southerly slope overlooking surrounding country side. Approved sewage site. Mix of woods, tillable and pasture. Mansfield Schools. Just $695 p/acre. HURRY! M-701.

MULTI PURPOSE PROPERTY
Currently small farm with 2 story bank barn. Detached L shaped pole barn valued at approx. $30,000 for animals, equipment, trucks etc. Split level 3 bdrm., 1½ bath home. All on 10 acres in Richmond Twp. Paved road frontage. Mansfield schools. $99,900.00 M-700.

PRICE REDUCED 52.95 ACRE FARMETTE NEAR GILLETT
in Bradford County, PA. Includes approved conventional sewage site for your new home. 2 older bank barns for storage etc. Electric on site. Mix of fields, pasture, wetlands & woods with stream thru property. Clean & Green tax rate. Over 4000' of paved & gravel road frontage. Was $47,390. **REDUCED TO $44,900!** M-556.

BEEF, HEIFERS OR HORSES?
Approx. 81 acre farm near Ogdensburg in Southern Tioga County. Bank barn with additions. Well kept 2 bedroom trailer w/ detached 2 car garage. Well fenced pasture and tillable fields. Woods in back. Near State Forest. Just $89,900. M-757.

SOUTH CENTRAL VIRGINIA HORSE/CATTLE FARM
79 Acres with 60 acres in lush pasture, good fencing, pond and multi-use barn. Picturesque setting with nice 3 bdr. home and 2-car garage with studio apartment. $170,000.
Brochures available.
Contact Sherry Honeycutt
COLDWELL BANKER
Lafoon Realty, Inc.
720 Oak St.
Farmville, VA 23901
804/392-6191
804/392-4318

FARMS ACREAGE
HUNTING LAND, WEEKEND RETREATS, PERMANENT HOME SITES
JUNIATA COUNTY, 60 MI. WEST OF HARRISBURG, PA

113 acres, 65 tillable, 10 pasture, bal. woodland. Two story dwelling, bank barn, lot of double road frontage w/no traffic, very secluded, subdivision potential, ... $127,500

101 acres, 50 tillable, 15 pasture, bal. woodland. Two story, 4 bedroom frame dwelling in good condition, bank barn, spring fed stream through pasture, great potential to subdivide into two parcels ..... $135,000.

53 acres, 40 tillable, 10 pasture, balance woodland. Road frontage, sewage and building permits furnished. View of the surrounding mountains and valley that you must see to believe. Ready to build on, great potential for a farmette..... $92,900

62 acres, Half-wooded, half open. Field area has gentle slope, public road frontage with very little traffic. Permit provided for standard septic system, building and driveway permits provided, great subdivision potential ..... $106,000.

267 acres, wooded, level to gentle slopes, **borders STATE GAME LAND,** small stream, easy access, public road frontage plus additional short private right-of-way, some timber, owner will consider reasonable offers.

52 acres, wooded, very secluded, sewage tested, rough, excellent hunting, deeded right-of-way ..... $37,500.

42 acres, mostly wooded. Trout stream, road frontage, walking distance to state land $51,500

10 acres, wooded, within walking distance of ski slopes at **SKI SNOW PEAK,** hunting rights on 400 acres plus many acres of STATE LAND, very secluded with easy access over deeded private right-of-way, secured area, electric, privy permit ..... $18,500.

7 acres, wooded, level, borders nice stream, very secluded with easy access, some hemlock trees, one of a kind ..... $25,000.

THREE ADJOINING PARCELS, ½ to ¾ acres, wooded, gentle slope, standard septic sytems **INSTALLED,** electric and phone, secluded with easy access, walk way to STATE LAND, $5,900 to $7,900, owner financing to qualified buyer;

ALSO COMING UP, SEVERAL 3 to 9 ACRE parcels of which several are ½ open and ½ wooded, several have standard septic permits.

WORD OF CAUTION, "never" buy undeveloped land unless all sewage, drive way and building permits are either furnished or guaranteed prior to settlement.

For more information, contact Juniata Countys foremost farm and land agency

LARRY LONG REAL ESTATE
RD #2 Box 410
Port Royal, PA 17082
Ph: 717-527-4784, or 2576 or 2402
Call Anytime

WANTED
Farms
Lancaster &
Surrounding
Counties.
Call
717-653-5552
Ask For Howard Boyd

MIFFLIN COUNTY DAIRY FARM
220 Acres, 148 tillable, 3 silos, 42 tie stalls with gutter cleaner, auto. bunk feeder, 3 br house remodeled inside. May divide. $193,000. Call Joe Dobozynski - 717-436-9594 or 717-248-2122.
Coldwell Banker
Kerstetter Realty, Inc.
Lewistown, PA 17044
Other Farms and Land Avalaible

YORK COUNTY DAIRY FARM...

153 Acres (+/-)...120 acres tillable. Very private setting, set up for dairy or beef. Nice facilities! Stone farm house has 4 bedrooms. There is a small stream running through property.

MUST SEE!

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122

UNUSUAL CHARACTER describes this property. An old church converted to a hunting camp on 1 ac The former sanctuary is now a "Great room" complete with stained glass windows & wainscoting, modern kitchen, full bath, vinyl siding $49,900 (W481)

COMMERCIAL POTENTIAL GALORE - Mini mart, professional offices, plus multi family units are but a few of the possibilities of this property w/8 approved hook-ups Prime Rt 6 location $65,000 (W606)

INCOME-INCOME Three apt house in Tioga Boro brings in a very nice income Apt #1 has 3 BR's, Apt #2 has 2 BR's, Apt #3 is a studio unit Tenants pay separate utilities. 2 story Colonial on large corner lot in quiet neighborhood $52,900 (W516)

ERA Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

A TOUCH OF COUNTRY from this 4 BR Victorian home located in small village Remodeled, 1½ baths, dining room, kitchen 2 story barn 1 8 ac lot BPP Warranty $46,900 (M412)

8 ROOM CAMP OR STARTER home w/Andersen windows, new plumbing, wiring & natural gas heat Modern kitchen, remodeled bath, & new roof Complete with all furnishings, including refrigerator, stereo, all utensils, & linens Sleeps 12 $25,000 Near State land (M416)

2 STORY OLDER HOME in country - This is an older home with living room, dining room, kitchen and lots of possibilities Includes garage and located on 3 3 acres $42,500 (M421)

ERA Homestead Realty
Rt. 15 S. POB 276
Mansfield, PA 16933
717/662-3287

FREE LISTING OF PROPERTIES
CALL OR WRITE

NORTHERN IOWA
TOP QUALITY FARMS

318 acres, 273 tillable, hog and dairy. Milking parlor, 3 Harvestore silos, 76 free stall barn, farrow and finish buildings. Could feed cattle in place of dairy. Nice 3 bdr ranch-style home. Contract.

254 acres, 225 tillable. Grain and livestock. 2 nice homes Excellent hog and cattle facilities 4 Harvestore silos 90 CSR, drying bin, extra land to rent nearby. Cash or assumable contract.

200 Acres, 193.5 tillable, 83 CSR Nice home. 2 silos, good usable buildings Contract.

340 Acres, 39.8 acres in CRP, 261.9 tillable. Good home. Drying bin. 2 silos. Many good usable buildings Contract.

Have other farms available
Squier Real Estate
729 Main Street, Osage, Iowa 50461
515/732-5790 Day or night

Marlin H.
Fields
Real Estate

MIFFLIN COUNTY OFFICE (717) 248-5451
101 No. Wayne Street
Lewistown, PA 17044 (717) 248-3904 FAX
JUNIATA CO. OFFICE (717) 436-8839
SNYDER CO. OFFICE (717) 374-8106

WE ACT AS LOCATORS FOR FARMS AND LAND

F302 - Mifflin County - Ferguson Valley - 131 Acre dairy farm, free stall barn, 3 silos, pipeline, and manure storage pit Two story farm home and ranch home Adjoining land available for rent Ideal for dairy or beef ASSUMABLE FMHA MORTGAGE AVAILABLE Call Dallas Will, Farm & Land Specialist - Office (717) 248-5451 Home (717) 543-5685) **PRICE REDUCED**

L42 - Juniata County - Tuscarora Township - 83 62 acres Road frontage on hard road Excellent location for sub-division or home sights Good stream thru the acreage borders on state game land POSSIBLE OWNER FINANCING NEW SURVEY, Call Harold Ford - Office (717) 436-8839 Home (717) 535-5913

C301 Snyder County- 16 acre commercial site with public sewer and water, large block building and 3 pole sheds Ideal manufacturing facility, good work pool and easy access to U S RT 522 Call Dallas Will OFC 717-248-5451 or HM 717-543-5685

C25 - Juniata County - Fermanagh Twp. - Industrial/commercial buildings on 1½ acres in Juniata industrial park 3 buildings with a total area of 8,277 sq ft of space Attractive location and building is adaptable for a variety of uses Call Harold Kauffman Office (717) 436-8839 or home (717) 436-6874

F303 - Mifflin County - Ferguson Valley - 103 acre production farm with gently rolling land, with road frontage, and stream through fenced pastures Large remodeled 4 bedroom farm house, 2 good barns and 2 silos A well maintained, picturesque farm Ideal for dairy, beef, sheep or horses and good country style living Call Dallas Will, farm and land specialist Office (717) 248-5451 or Home (717) 543-5685

F152- Snyder County - Meiserville - 112 acre general farm with creek, road and state game land frontage Newly remodeled home with central vac, thermopane windows, stone fireplace, TV dish antenna and new plumbing and rewiring Large bank barn Ideal for beef, sheep or horses Call Rick Walters - Office (717) 436-8839

L301 - Western Snyder County - 25 acres of land, approx 20 acres tillable and 5 acres wooded Road frontage Ideal homesite or small farm in the country, quiet and picturesque Call Dallas Will, farm and land specialist Office (717) 248-5451 or Home (717) 543-5685

F201 - Snyder County - 100 acre Christmas tree plantation, 90,000 premium Douglas Fir and Blue Spruce Trees First harvest can be made this year Call George Harrison - Office (717) 374-8106 or Home (717) 672-9127

SERVING THE FOLLOWING COUNTIES WITH BROKERAGE AND APPRAISALS Mifflin, Centre, Huntingdon, Juniata, Perry, Snyder, Northumberland and Union.

MEMBER OF LOCAL MULTI-LISTS

COLUMBIA CO. PA

DAIRY FARM 16 ac, additional 69 acres available; 60 stainless steel stalls w/water cups, loose housing area, gutter cleaner, computerized feeder, seal silo, plus unloader, roller mill, 8½ ton storage bin, mineral mixer, 600 gal. & 500 gal. milk storage tank, 4 milker unit 2 ½ " pipeline, 200 amp electric service, bank barn. Restored farm house.

GENERAL FARM 156 ac, 12 acres woods, 144 tillable, soil Waston silt loam, wet spots drained, waterways, diversions, silo, pole barn, corn crib. Machinery is negotiable. 2 story farm house.

ORCHARD 16 ac, storage & sales bldging; walk in cooler. New cider press, 300 & 55 gal. holding tanks; 12 HP Simplicity mower, 20 HP wheelhorse tractor, 50 gal. sprayer. 1000 apple trees, 60+ peach trees 400 Christmas trees. Ranch style house.

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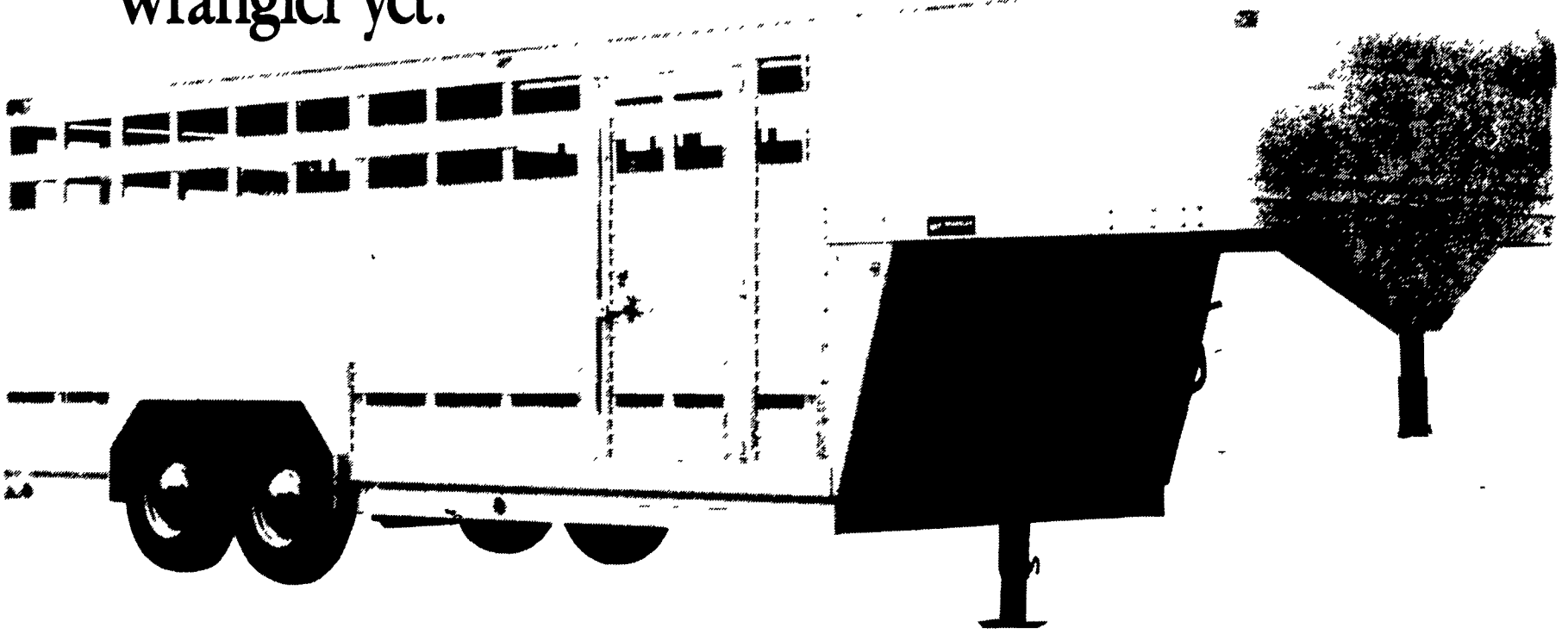

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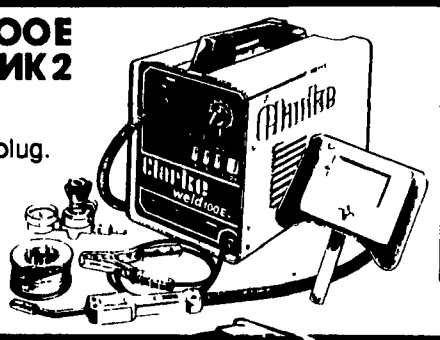

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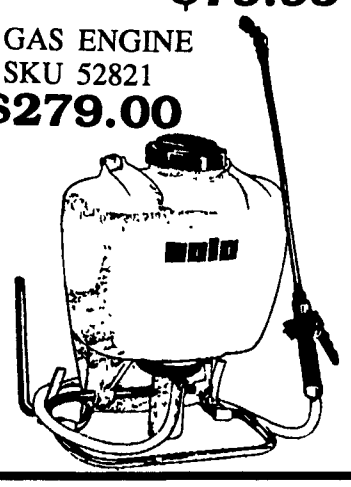

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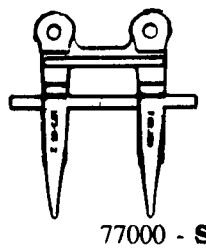

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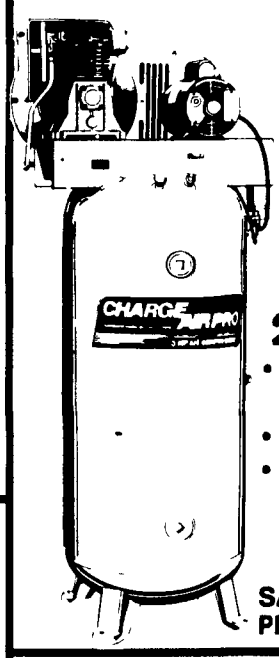

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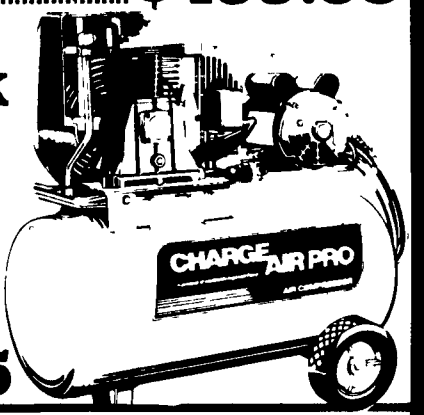

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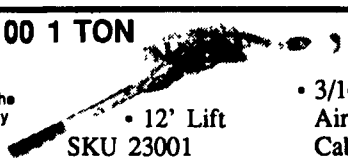

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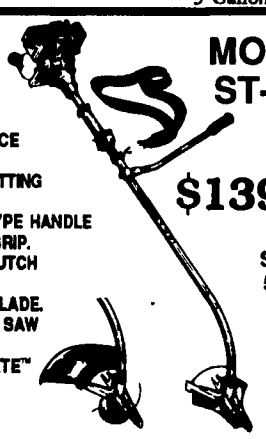

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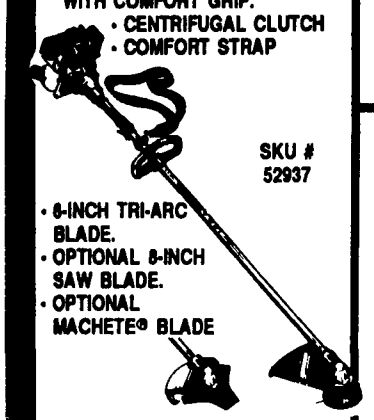

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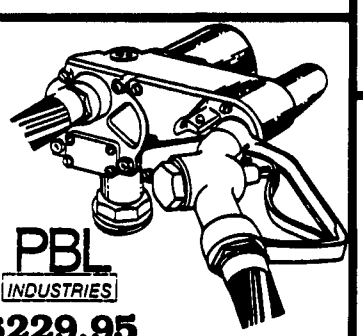

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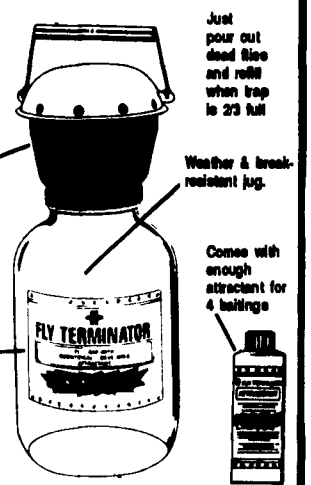

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This twin 20 hp is becoming very popular for hay balers and other applications traditionally equipped with 2 cylinder Wisc. engines and can also replace the older 4 cylinder engines on some applications.

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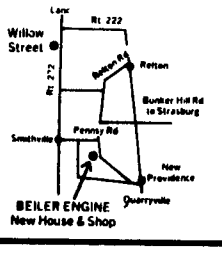
We Only Have A Limited Amount Of These Engines Available w/Reduction Also Available: 20 HP (Same model) With STD Shaft To Run Hay Balers Availability On This One Is No Problem

Hours
Mon.-Fri. 7-7 Saturday 7-5 Closed Sunday



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Full Service, Parts & Rental!

TRACTORS

Kubota L295, 4WD, Tractor/Loader/ Backhoe, New Paint (Sharp!) - $11,500
Kubota M7950 DT, 4x4, 76 HP Diesel, Very Good Cond.
Kubota L305, 2WD, w/Loader
Case 580E w/Cab, Extendahoe, 1700 Hrs., Ex. Cond.
JD 316 w/mower
Ford 1720 4x4 Tractor/Loader/Backhoe
Ford Flail Mower, 50" - Like New! $895
IH 254 Tractor w/Loader
Bolens 212, 3 cylinder diesel w/loader
Satoh Beaver, 4 WD, diesel w/blade
NH 14 HP Hydro w/mower, blade & snowblower
'89 Haulmark 24 Ft., 8,000 GVW Enclosed Trailer, Like New, $4,800
Timberjack 3 pt. hitch vertical log splitter
WIC Blizzard straw chopper

NICARRY EQUIPMENT CO.
RD #2, Box 2008, Reading, Pa. 19605
215-926-2441
Located: 4 Miles North of Reading on Rt. 61
3 Miles South of Leesport
Hours: Mon. thru Fri. 8 to 5; Sat. 8 to 3

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
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The following categories are available for your classified advertising. In Section C. Deadline- Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising In Section B Deadline- Wednesday afternoon at 5 of each week's publication

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
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25- Business Opportunities
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Gas Koehring Forklift
18½'
$3,000
301-833-9091

DEERFIELD
Ag & Turf Center, Inc.
Watsontown Exit Of I-180
Watsontown, PA
717-538-3557
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Used Tractors
JD 4430, SGB, QR, good
JD 3010 gas w loader
JD 2350, 55 h p , w 245 loader
JD 60, good
Case 1370, good
Deutz 30-06, good
Cub 140, fair

Misc.
JD 8300 grain drill, 24x6, 1 yr. old, like new
JD 8200 grain drill, 24x6, good
JD 8350 drill 18x7, fert , new openers
JD 1209 mower conditioner, fair
JD 830 mower conditioner, SP
NH 469 mower conditioner, fair
NH 495 12' mower conditioner, fair
Owatonna 235 mower conditioner, 12' hydro swing, good
Hesston 1014 mower conditioner
JD 310 disc, 13', good
JD 210 disc 12'10
JD 27 stalk shredder, good
JD 400 grinder mixer
Gehl 55 grinder mixer
JD 35 forage harvester w cornhead, good
(4) NEW H&S Bale Wagons
16' Badger forage wagon, tandem, very good
(2) NEW Badger Wagons In Stock
JD 328 wire baler, fair
JD 14T baler, fair
IH 46 baler, fair
JD 7000 6 row max-merge planter
JD 7000 4 row max-merge planter
JD 7240, 6 row cons., dry, 2 yrs. old
MF 640 4 row planter, air, dry, good
IH 400 air planter, 4 row, fair
JD 2450 8 btm. plow, good cond
JD 40 spreader, 175 bu. parts
JD 653 bean head
JD 444 corn head
(2) JD 643 corn heads, good
JD 15' quick tach rigid
JD 13' quick tach rigid
JD 918 flex platform
JD 3300 Combine w 10' Platform
JD 6600 Side Hill w platform
(2) JD 6620 Side Hill combine, excellent
JD 9500 combine, 4WD, 450 hrs excellent
JD 7700 combine, good
KW Truck Tractor model K100, 1983, 400 Cummins, 9 spd., inspected, good

In Stock
New Row Crop Tractors, 4255 MFWD, Utility Tractors, 2955, (2) 3155

Brillion Badger

Low Rate Or Interest Free Financing On All New & Used Combines

Lockwood potato harvester, Mark VI, 4 row-steering axle, vibrator on the digger. (717)927-6331.

Massey Ferguson 1144 4 row corn head, good condition. Call 215/285-6246.

MF 1020 4WD, 130 Hrs, 2-years old, 5' wood finishing mower, 2RW corn planter rebuilt, small manure spreader rebuilt, 6' disc, 8' harrow, new teeth $7000 717-286-9219

MF 1085, new rubber, ROPS, excellent, $5,000 301-833-9091

Krause 30' field cultivator, spring shanks, 5 bar heavy duty spike buster bar, tandems all the way across (it will hold depth on chisel plowed) $9,850; Hardy TR 500 gallon sprayer, tandem axle, 35' boom, big pump, $3,950 Middleburg, Pa 717-837-0724

Little Giant roll away corn elevator with motor $300 301/898-7426.

LOADER ATTACHMENTS NEW & USED for any make tractor 301-833-9091

JD 300 (1020) Gas
w/Reverser and JD 307 mower and front dozer, extra wheels, w/turf tires, low hrs.
One owner
$4,500
301-833-9091

USED EQUIPMENT
OMC 310 skid steer bucket/fork
1980 NH L35 skid steer, clean
Kubota B8200, 4WD
Ford 800
Ford 1720 synchro shift, & 4WD, ag tires, warranty remaining
Oliver 1600, 3 pt. remotes
NH 256 Rake
NH 275 Baler
JD 336 Baler & ejector
NH 320 Baler w/thrower
NH 269 w/thrower
NH 273 baler, SS/PU & bale thrower
NH 276 baler & thrower
NH 850 round baler w/electric wrap
NH 850 round baler, manual wrap
(2) NH Super 717
Fox 1R corn head f/Fox 2000
NH 362 tank spreader
NH 679 spreader w/end gate
NI 214 spreader
NH 1495 haybine w/cab
NH 1495 haybine, partial cab
NH 479 haybine
NH 489 haybine
NH 495 haybine
32' elevator
Howard 70", HD tiller
(1) (2) 24' feeder wagons less than yr. old

(717) 243-2686
R & W EQUIPMENT
Formerly Paul Shover's Inc. Carlisle, PA

USED TRACTORS
JD 2020 Gas
JD 1050 MFWD w/Loader
JD 1010 Diesel Crawler w/Blade, Winch
IH 886 Cab, Air, Wts. (Less Than 2000 Hrs.)
Farmall H w/Loader, Nice
JD 5440 4 WD Harvestor w/3R Corn Head, 7' PU

USED IMPLEMENTS
Gehl 1465 Round Baler
IH 710 4 Btm. 18" Plow
Martin 1665 Spreader (1 yr. old)
JD 43 3 pt. Corn Sheller
JD 45 6' Blade
JD 50 5½' Box Scraper
JD 16A 1000 RPM Flail Chopper
JD 216 Forage Wagon
NH 8 Forage Wagon, 3 Beaters, Roof
IH 370 12' Disk Harrow
Woods RM 48 Mower

New Dion Forage Boxes
1 w/10 Ton Gear $6,750
1 w/12 Ton Gear $6,975

Gutshalls, Inc.
Carlisle (717) 249-2313
Loysville (717) 789-4343

JD 4430, ROPS, 8 spd., $7,800. 301-833-9091

JD 443 four row narrow corn head, good condition, $4,000. (804)457-2304 Will deliver.

JD 444 four row wide corn head, very good condition, $4,000 717/437-2421

JD 45 combine, 12' grain head, best offer (609)737-6519

JD 45 combine w/grain head, $300 OBO, not run for a year. (2) Oliver tractors, 60 and 77 model, not running, $100 each Farmall M, $850, running (215)795-0405

JD 50 Tractor, 3 pt hitch, live PTO, needs some minor work, $1,800 Columbia Co 717/925-2296

JD 530 farm tractor and Minniapolis Moline Jet Star III, WFE. 717/224-4686.

JD555 Crawler Loader $14,900; Case 350UN w/ winch $7800; JC500C backhoe 1980 $8750, TD-24 International, Good U/N blade $3900 Call 717-733-6198; 717-733-3980

JD 55 square back combine, 3 row corn head, 10' grain head, $1,500, Brady 4 row shredder for parts. Berks. 215-756-6723

JD70 WF, DSL, Electric start, $2850 OBO, JD346 Baler $4500, JD1209 haybine $2500, JD 3-16" trailplow $575 OBO 717-436-9798

JD730 diesel, WFE, 3pt electric start $3900 717-532-8926

JD 755 4x4 w/5' Belly mower, 900 hrs , $7,000 301-833-9091

JD heavy duty flat wagon, 8'x16' body, $500, JD 4 row 3PT cultivator $450 215-766-0479 Eves

JD Model 40 bale thrower with electronic controls, excellent condition, $2,000 Unverferth hydraulic unloading auger for gravity wagon or grain body, $375. Meyer 7'6" snow plow fits Ford pickup, hyd tilt, lights, $1,000 Call 717-529-3179

JD side-mount sickle bar mower $150. Adams County (717)359-7542

John Deere 443 Corn Head, low profile, excellent condition $5,000 609/799-2523

International 815 combine with cab hydrostat 743 cornhead 13' grainhead. 717-272-0034

JB squeeze pump, V G.S $450.00 (301)833-1847.

JD 1050, 4WD w/loader, 290 hrs , excellent condition, Woods model T60, 3 pt hitch roto tiller, used very little, 4 tooth 3 pt hitch chisel plow, like new 814-695-3751

JD 15' quick attach grain head, hydraulic reel, new knives Asking $1000 Call 814-354-2840 Day, 814-354-2889 Eves

JD 2240 w/145 loader, excellent, $7,500 301-833-9091

JD 2355, MFWD, 650 hrs , dual hydraulics, #10 backhoe attachment, 175 loader, Curtiss Winter cab, power angle snow plow, forklift attachment, Package $27,000 717-828-2544

JD 2500 plow, 4x18 hydraulic reset, like new $2,000. 301/898-7426.

JD 2 cylinder tractors, R 80 820, 530, 630, 730, 830, 70 standard D styled Can delivery (515)594-3767 or (515)594-4395

JD 2RN forage harvester corn head, gravity bin on gear, VG condition 717-665-4743

JD 2RW forage harvester corn head, Farmhand wheel rake, VG condition 717-665-4743

JD 2 row 38" snapper head, $700 301/898-7426

JD 300 (1020) gas w/ reverser & JD 307 mower & front dozer, extra wheels w/turf tires, low hrs , 1 owner $4,500 301-833-9091

JD 3800 harvester, 2RW corn head, new style 5' grass head, nice condition, Will sell anything separately. 28' Skeleton bale elevator w/motor & side dump 717-665-7399

JD 401 Diesel, $3,500 301/833-9091

JD 4020 SC, new 34" rubber, $5,900 301/833-9091

JD 4020, side console, WFE, dual hydraulics, $7,800 (717)532-8926

JD 440 Crawler, blade, winch, roll cage, everything works 814/448-2756

Hesston 4600 centerline baler w/thrower, 14x18 bale, excellent condition, $11,500. (215)347-2338 after 7 p.m

HI CLEARANCE TRACTORS, 6' row clearance Used from $1,800 Market Farm Implement (814)443-1931

HIGH TORQUE DIESEL STARTERS with 3 yr warranty for most domestic tractors and select imports With 6 month no risk money back guarantee. Call Gary D Sneath at 1-800-622-7892

Horsts wagon gears w/ honest ton rating and no sway trailing, heavy duty Custom made wooden conveyors and taperboard feeders RISSLER CONVEYORS, 1275 Indiantown Road, Stevens, PA 17578 (215)267-2244

IH 1066 black stripe w/cab (no doors), $5,600 301/833-9091

IH 1066, very good rubber, dual PTO, no TA, ROPS, runs good, $5 700 (717)423-6719

IH 1086, ROPS, 8 spd , runs well, $6,500. Coming In. 301-833-9091

IH 404 Gas, WF, PS, 3 pt , 35HP, $3,000/offer 301/898-7426

IH 574 Diesel w/2000 loader, 52HP, 3 Pt , live PTO, turf tires, excellent $6,000 301/898-7426.

IH 574 tractor; IH 544 with loader; JD 25 harvester 3 pt , McCurdy bin wagon, New Idea #14A spreader, NH 707 harvester w/2 heads, Fork lift 215-777-4272 or 215-777-0052

IH 656 hydro, gas, 60HP, NF, $3,500/offer 301/898-7426

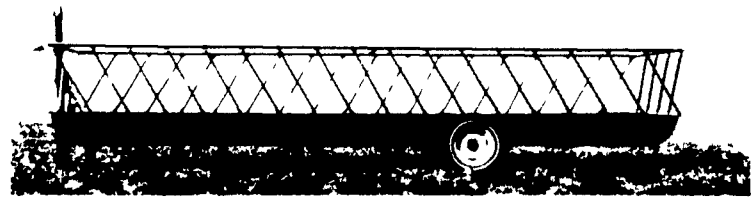
IH 684, radial rubber, ROPS, 2,200 hrs , $5,000 301-833-9091

IH 844 4 row corn head, like new, JD 4630, SGC, duals, excellent condition 609-935-0348

IH Farmall Cub, hi-grop with 60" mower, OC3 crawler dozer all overhauled 215/538-2231

International 3 point rotary mower, 6' cut, $500 6,000 tabacco lathes, $ 08 each Round wire corn crib 14x14½ ft , $300 717/733-1569

FEEDER WAGONS



Lengths Available: 16', 21' & 27'

A great feature for feeding cattle in meadows or in feed lots. These wagons can be used to feed round hay bales, square bales or silage out of Ag bags or silos, etc.

The added feature of having the head locks make it nice for quick vet checks, etc.

16' has 20 head locks
21' has 26 head locks
27' has 32 head locks

- Feeder bottoms are sand blasted to remove rust & lead
- Hitch can be swung in upward position when not being towed
- Swivel Ratchetjack
- Painted John Deere Green

Manufactured By:
STOLTZFUS MFG.
R.D.#1, Box 701
Honey Brook, PA 19344

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4 and 5 bottom semi mount 16" plow. 301-833-1847

4 used skid loader tires, 10 00x16 5, also clean wheat straw $1 25/bale (301)775-7519

660 Int tractor with pulley Farmhand rake McCormich #9 silage culter all in good cond Enos R King, 1044-A Georgetown Rd, Paradise, PA 17562, Lanc Co

'66 series, all red IH tractor, cab, air, heat, nice upholstry w/new floor mat, $3,000 OBO (301)733-6824

704 Uniharvester, 767 field chopper, 3RN cornhead, grass pickup 1 Myers forage wagon, 1 year old. 2 Dions forage wagons IH 600 blower 320 NH baler (3) steel 18' hay wagons (717)776-6120, (717)776-5672

6620 LL combine 2/13 grain platform, one owner, excellent condition, 2600 hours, 1981. Franklin County (717)597-7295.

Fox 2000 chopper with corn head and electric knife grinder, excellent condition 301/848-9507

Fox 2300 Harvester with 5½ foot hay head, good condition, $1,600 Corn head available Centre County 814/364-1064

Sharp 5400 JD chopper, choice of heads, basic unit, $25,800. Will send pictures Trade and finance Larry Stalter, "The Chopper Man", 1-800-248-2151.

SILAGE WAGON, JD 1510, side dump, $3,900 301/833-9091

Single tobacco ladders w/ gears, good condition Double ladders without gear $150 Takes Both Jonas Fisher, 28 Esbenshade Rd, Ronks, Pa 17572

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AUG. SPECIALS

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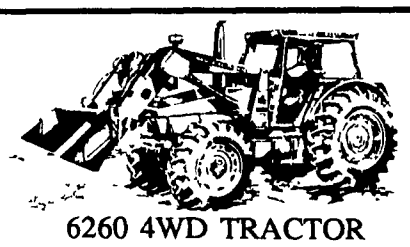
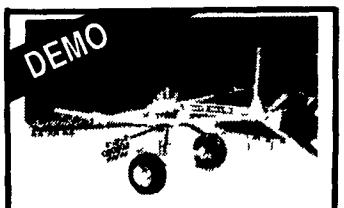
'86 R-6 GLEANER
Excellent Condition
~~$52,500~~
END OF SEASON CLEARANCE— $51,500

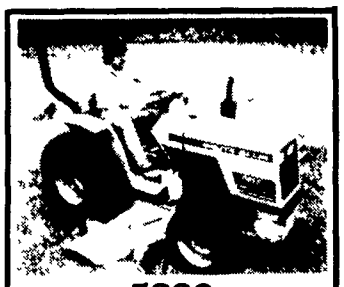


6260 4WD TRACTOR
w/456 LOADER
SPECIAL PRICE— $26,500

SM60RC
9 FT. MOWER-CONDITIONER
~~$9500~~
END OF SEASON CLEARANCE— $8,950



KS150
ROTARY RAKE
~~$2300~~
END OF SEASON CLEARANCE— $1,900



5220
21 HP 4WD HYDRO TRACTOR
Special Price $9,400

NEW EQUIPMENT
- Pequea 8x18 Hay Wagon

NEW TRACTORS
- DA 5220 w/Loader

USED EQUIPMENT
- NH 268 Baler w/Thrower
- Pequea Tedder

USED TRACTORS
- IH 1086
- Case 500

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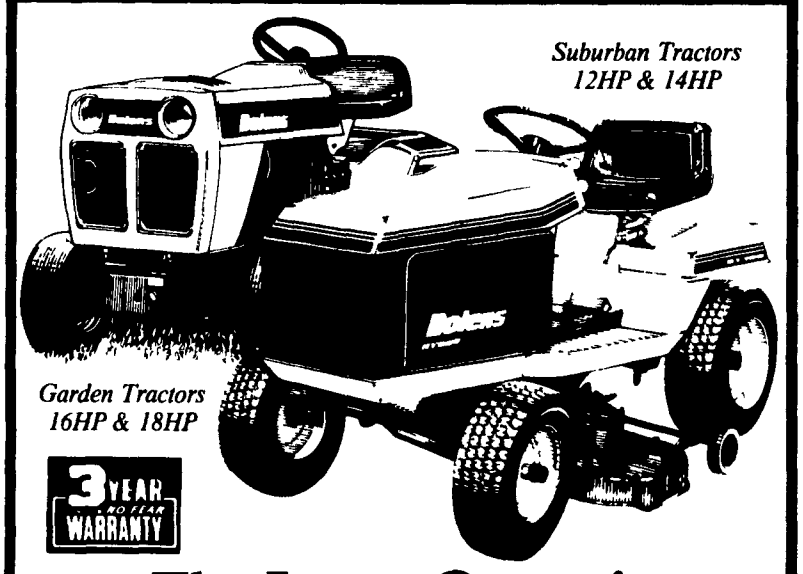

Suburban Tractors 12HP & 14HP

Garden Tractors 16HP & 18HP

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The Lawn Owner's Best Friend!

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Rte. 272 Near Green Dragon Farmers' Market
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Buy From Binkley & Hurst Bros., Inc. - Your Bush Hog Dealer.

Highway travel is easy with Bush Hog Flex-Wing Rotary Cutters. Transport widths to 8' (on 2615, 2610 Series). Access through gates or along narrow roadways is no problem. Safety latches and pins secure the winds for safe transporting.

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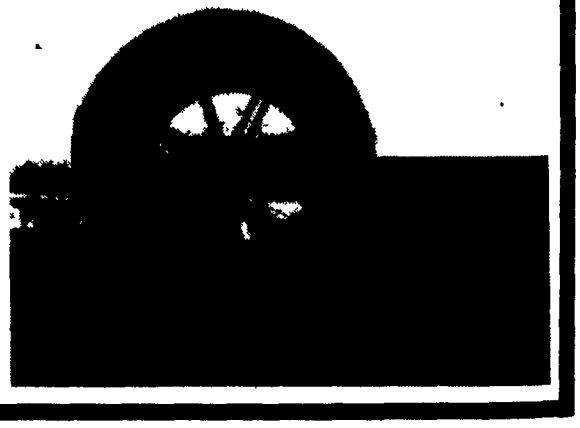
SEE THIS HIGH QUALITY LH MANURIGATOR IRRIGATION SYSTEM

On Display At AG PROGRESS DAYS In The Canadian Exhibit-

Stop By At Our West 2nd St. Lot And Ask Merv For A Super Deal On Quality Irrigation

No Matter If It Is Manure Or Water, Irrigate With The Best - LH RESOURCES From Binkley & Hurst Bros., Inc.



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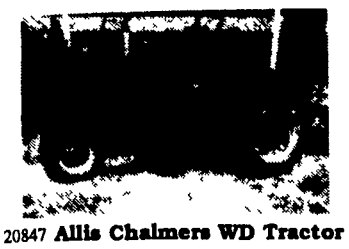
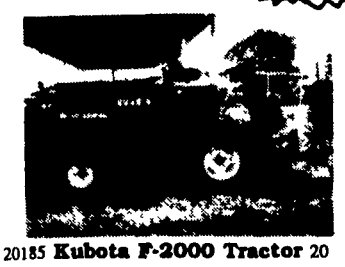


• 20847 **Allis Chalmers WD Tractor** 35 HP, Live 540 RPM PTO, Hydraulics, w/3 Botton Plow, Works Good, A Collectors Item
Reg **$1,495** **$1,145**



• 20185 **Kubota F-2000 Tractor** 20 HP, 3 Cyl. Diesel, Approx. 500 Hrs , 4WD, PS w/RC60-F20 Front Mower, Great Cond
Reg **$8,675** **$7,975**

• 20848 **Allis Chalmers WC Tractor** Mechanical Lift, w/Cultivators, Good Paint, Works Good, A Collector's Item
Reg. **$1,525** **$990**

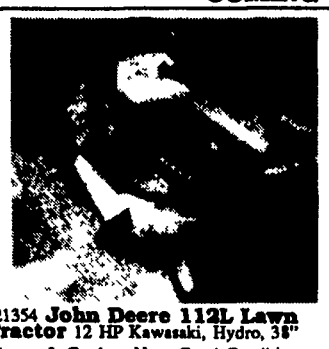
• 21339 **Yazoo Frt. Mower** 16 HP, 48" Frt Mower, 5 HP E-Z Vac. System, Nice Condition
Reg. **$2,250** **$1,950**

•21379 **IH Cub Lo-Boy Tractor** w/5' Belly Mower
Reg **$2,875** **$2,485**

• 21176 **Kubota B-8200 HSD Tractor** 4WD, Hyst., 5' Belly Mower, Low Hours, Very Good Condition
Reg. **$7,875** **$7,475**

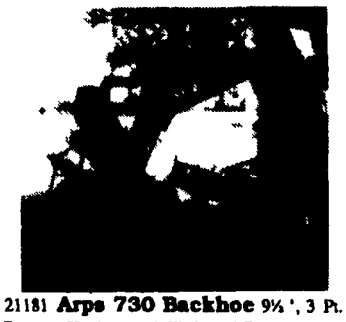
		Reg.	SALE
NEW EQUIPMENT AT USED PRICES (Cash Pick-Up Here)	• 14690 **Arps AB150 Rear Blade,** New Demo 7' Heavy Duty, Cat 1, 3 Pt. Hitch		SALE $195
	• 14688 **Arps AB250 Rear Blade** New Demo 6, Extra Heavy Duty, Cat 1, 3 Pt. Hitch w/Side Pans		SALE $360
	• 17071 **Kubota 6'** 3 Pt. Finish Mower (Demo) Rental $1,654		SALE $975
	• F-9672 **Ford 917A** 3 Pt H.D. Flail Mower, Retail $2,145		SALE $995
	• M-3731 **Mott 900048** 3 Pt. Flail Mower, 5', Retail $1,520		SALE $985
	• 16410 **Haban Outfrt. Mower,** 5' Finish, To Mount On B-8200 Or B-9200 Kubota, Retail $2,230		SALE $975
	• 18990 **Woods RM-500** 3 Pt. 5' Finish Mower, Gear Driven, Retail $1,612		SALE $1,288
	• 18652 **NEW Ber-Vac B-84S Snowblower** 84" 3 Pt. Mount, 540 RPM PTO		SALE $2,490
	• 20745 **Kubota B-204 Frt. Blade** 4', Manual Angle, Fits B-6100/7100	$675	$475
	• 21051 **Sauder Blade** 7' Front Mower	$475	$295
	• 21336 **Landpride RB-1560 Blade** 5', 3 Pt Hitch, Like New, Hardly Used	$225	$175
	• 21353 **Kubota G-2000 Frt. Blade** 48" Manual Angle, Fits G-Series Tractors	$185	$175
	• 21178 **3 Pt. 7' Rear Blade** With Angle Adj.	$195	$170
	• 21414 **Woods RB-5** 3 Pt. 5' Blade	$175	$155
	• 21374 **Sauder Hydraulic Front Blade**	$325	$225
	• 20997 **Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Condition	$175	$155
	• 20991 **Ford Dozer Blade** 34" Frt. Mt. Fits Ford/Iacobsen Lawn Tractors, Looks Good	$125	$95
	• 20148 **Kubota G-2000 Frt. Blade** For "G" Series LGT	$175	$160
	• 20186 **Kubota F-3219 Broom** 60", 50/50 Steel & Poly Bristles, w/pwr Angle Kit (Fits F-Series Kubotas), Good Condition	$1,575	$1,395
	• 21373 **Sauder 6' Snow Bucket**	$95	$65
	• 21050 **Kubota B-310 Cultivator,** 3 Pt. 1 Row, Used Very Little	$125	$85
	• 20619 **Brinly CC-500 Cultivator** 1 Row, Sleeve Hitch	$40	$30
	• 20974 **Lavelle Elevator** 23' Electric Motor, Working Order	$175	$145
	• 21180 **Worksaver 52" Fork Attachment** For 3 Pt Or Loader (Very Good Condition)	$475	$375
	• 21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower	$450	$335
	• 21372 **Sauder "D" Model Loader**	$325	$210
	• 21301 **Little Giant 3 Pt. Log Splitter** 24" Logs	$595	$425
	• 21305 **Kubota RC-4862 H Mower,** To Fit B-6200 HSD or B-7200 HSD Tractor, Good Cond	$875	$675
	• 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5'	$590	$390
	• 21174 **Kubota RC-60-72 H Mower** Mechanic's Special	$175	$150
	• 20195 **Bolens FMC D60-L Flail Mower** 5' 3 Pt. 1000 RPM PTO	$675	$475
	• 19011 **T-36 Mott Tow Type 36" Flail Mower** w/8 HP Engine	$750	$495
	• 20500 **Kubota RC48-62H Mower** 48" Mid-Mower Fits B6200/B7200 HST Tractors, Good Condition	$995	$750
	• 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B-6100/B-7100 HST Tractors	$285	$145
	• 21378 **Snapper 8 HP Riding Mower** w/Grass Catcher	450	$385
	• 20620 **Didier 8-500 Sicklebar Mower** 46", Side Mount, Manual Lift, Fits Ford/Jacobsen Tractors, Good Condition	$185	$100
	• 20670 **Homemade Row Maker** 3 Pt., Cat. 0	$50	$35
	• 20980 **Mighty Mac 9P-5 Shredder** 5 HP, Push Type, Like New	$425	$345
	• 20990 **Ford Snowblower** 34", Frt. Mt., Fits Ford/Jacobsen Lawn Tractors, Looks Good	$125	$100
	• 21300 **Kubota B-748-A Snowblower** Frt. Mounted To Fit B-6100 & B-7100	$450	$195
	• 21171 **Kubota L-220 Snowblower** 48", 2 Stage, Painted	$885	$345
	• 19210 **Kubota 4 Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage	$475	$345
	• 21413 **Kubota B-2551** 3 Pt. 51" Snowblower	$985	$895
	• 16222 **Kubota B-2510 Snowblower** (38", Will Fit B-5100, B-4200)	$425	$295
	• 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series	$625	$575
	• 19065 **Mighty Mac 50 Gal. Sprayer** P550T	$695	$575
	• 21412 **Howard HR-6** 50" 3 Pt. Tiller, Slightly Used	$995	$895
	• 21141 **Kubota O.S. Ag Tires & Wheels** To Fit B-6200 DT Or B-7200 DT, Very Little Wave, Front Only (6x12)	$140	$125
	• 21406 **Kubota Pr. 6x12 Frt. Tires** & Wheels	$95	$80
	• 21407 **Kubota Pr. 8.3x16 Rear Tires** & Wheels	$200	$175
	• 21327 **Watson 1 Axle Trailer,** 68"x93" Tilt, Sides, S. Tire	$425	$385
	• 21410 **Kubota B-7200 HSD 4WD Tractor,** Hyst., 17 HP, Exc Cond	$6,985	$6,785
	• 21380 **Kubota B-7100 DT Tractor,** Diesel 4WD, W/Wghts , Frt Hyd. Blade	$5,385	$4,985
	• 21381 **Ford 120 L&G Tractor** 12 HP, 42" Mower.	$1,475	$1,295
	• 21352 **Kubota G-6200H Tractor** 16 HP, 3 Cyl. Diesel Hydro, Hyd Lift, 48" Mower Very Nice Condition	$4,475	$4,275
	• 21135 **Kubota B-7100 HSE Tractor,** 16 HP Diesel, 3 Pt Hyst Trans , 60" Mower	$4,980	$4,585
	• 20796 **Kubota B-6000 E Tractor** 12 HP, Diesel, Std Cat 1 3 Pt Hitch w/Dynco Frt Blade, Very Nice	$2,995	$2,550
	• 20708 **Ford 100 L&G Tractor** 10 HP, 42" Cut, Very Nice Condition	$790	$675
	• 20988 **Gilson Lawn Tractor** 11 Hp, 38" Mower, Gear Drive	$590	$465
	• 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower	$450	$335
	• 20352 **Trac Vac 460 Vac Unit** 5 HP, Direct Mount, 8 Bus. Cap , Hitch & Chute For Kubota G Series Tractors, Good Cond	$575	$475
	• 21041 **Peco PEH-110 Vac Unit** 3 HP, Direct Mount w/Hitch & Chute For Kubota G Series	$395	$335
	• 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower	$450	$335
	• 21118 **Simplicity 7117 Tractor** 17 HP, Hyst. Trans., Elec Lift, 48" Mower, Grass Catcher, Snow Blower, Cab, Nice Shape	$2,950	$2,550
	• 21131 **Kubota B-6100 DT Tractor** 14 HP, Std. PTO, 735 Hrs , Nice Condition	$4,490	$4,190
	• 20979 **John Deere 214 Garden Tractor** 12 HP Variable Drive 46" Mower, Nice Condition	$2,475	$1,990

COMING IN: • Ford 9116A Mower Kodiak 2 Axle Trailer



•21354 **John Deere 112L Lawn Tractor** 12 HP Kawasaki, Hydro, 38" Mower & Catcher, Very Good Condition
Reg. **$1,475** **$1,350**

• 21179 **Leyland 262 Tractor,** Diesel, 50 HP, Cab, Heater, Remotes, Loader w/6' Bucket, Mechanically Sound
Reg. **$5,985** **$5,585**



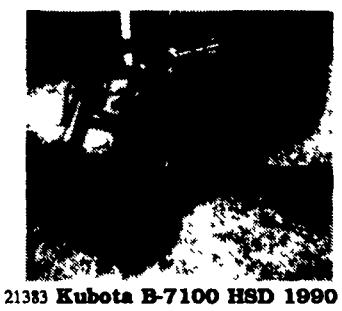
• 21181 **Arps 730 Backhoe** 9½ ', 3 Pt. Remote Hook-up w/12" & 16" Buckets (Good Shape)
Reg. **$3,250** **$2,875**

• 1016 **Lamco 2 Axle Trailer** w/Sides, Elec. Brakes, w/Spare, 10,000 Lbs , Like New
$2,700

• 21280 **Kubota KH90 Excavator,** Tracks Rebuilt
Reg **$17,500** **$15,900**

• 21371 **Ford NAA Tractor,** Painted, Good Rubber, Very Good Condition
Reg **$3,650** **$3,350**

• 21099 **Kubota G5200H Tractor** 14 HP, 3 Cyl Diesel, Hydro, 48" Mower
Reg **$3,245** **$2,945**



• 21383 **Kubota B-7100 HSD 1990 Tractor,** 16 HP Diesel, 4WD Hyst. w/Loader, 44 Hrs
Reg $8,275 **$7,975**

• 21317 **MF 12 L&G Tractor** w/42" Mower, Variable Speed Works Well
Reg. **$675** **$595**

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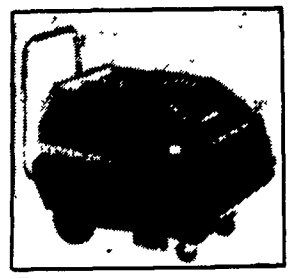

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Model No. - 1000M
Pressure - 1000 psi
Flow Rate - 2.1 gpm
Hot Water - Adjustable To 195° F
Fuel - #2 Fuel Oil, Diesel Or Kerosene
Fuel Tank - 3.2 gal.
Motor - 1.5 hp
Volts - 115
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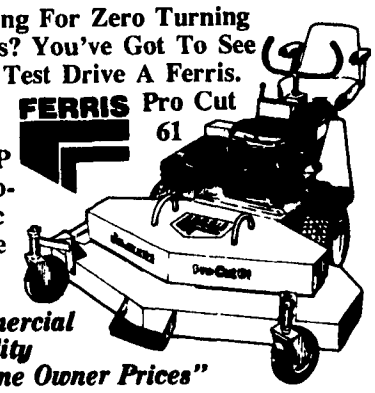
Looking For Zero Turning Radius? You've Got To See And Test Drive A Ferris. All New 20 HP Hydro-static Drive



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Mower deck floats independently front to rear for smooth operator compartment, eliminating most skipping and scalping.

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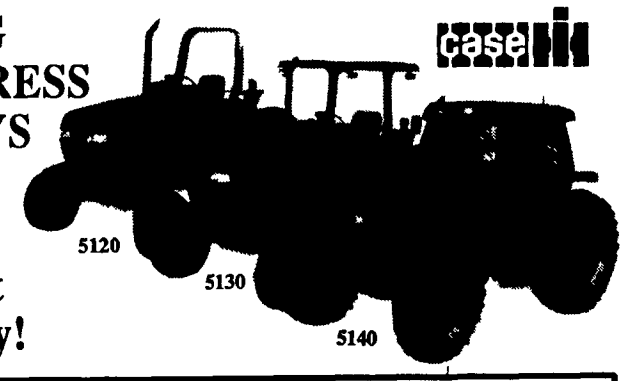
Stop At Binkley & Hurst Bros., Inc.

AG PROGRESS DAYS West 3rd Street Display!



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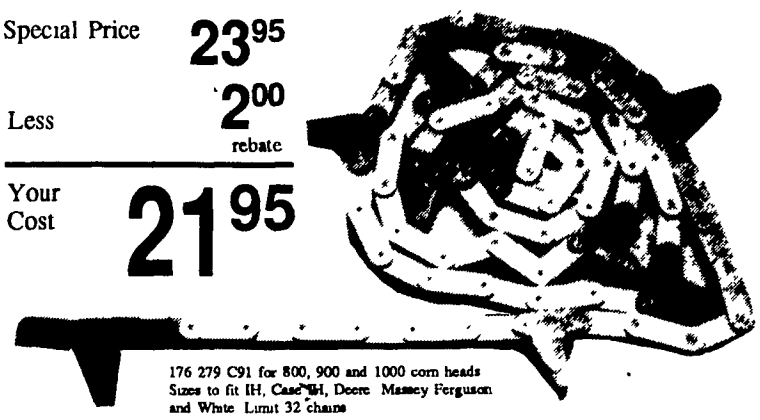

176 279 C91 for 800, 900 and 1000 corn heads
Sizes to fit IH, Case IH, Deere Massey Ferguson and White Limit 32 chains

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Seat w/Mechanical Suspension. ZSA6173
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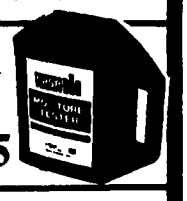

B91256 - Fully Automatic LCD Display Grain Moisture Tester
Reg. Price $179.95
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B90992 - 1000 PSI, 1.5 H.P., 3 Plunger Electric
Reg. Price $661.64
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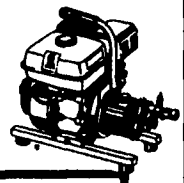

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If Your Future Plans Call For Manure Handling In Your Operation, You Need To Meet Our Factory Representative Or One Of Our Salesmen

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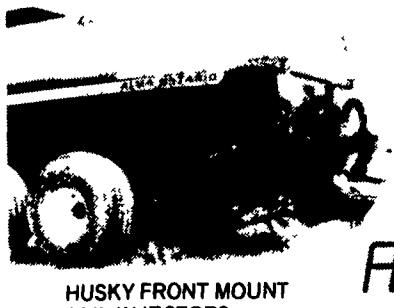

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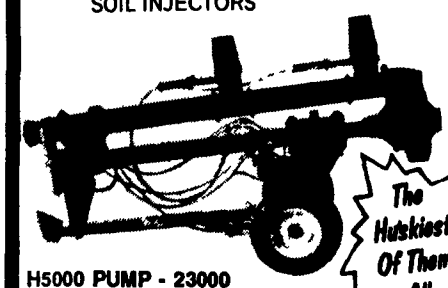
WIDE SPREADING PATTERN

WE'LL MAKE IT!



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Simple hydraulics allows one valve to operate the lift and stabilizer cylinders. Center plumbing means less hose length and easier coupling

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Rub rails offer more protection to vehicles when approaching, during dumping cycle, and when departing.

Stabilizer cylinders hydraulicly lock on to axle to hold wagon rigid during dump cycle

Galvanized roof features vent insert for straight-through air flow.

The model 700 dump wagon is designed for years of trouble free service. The hydraulic system with a cable assist is designed to unload large loads of up to 20,000 lbs. quickly and efficiently even if the load is not distributed evenly

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Forage Equipment JD3800 harvester; JD1510 dump wagon; JD 8350 grain drill. Early A M, (703)972-1738

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Case 580C w/cab & extenda-hoe..... $13,500
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JD 310 ROPS Canopy, very good condition $9,750
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AC 7GB, crawler loader, very good condition $12,000
Case 450 Crawler/Loader, GP Bucket, Good Condition $10,000
Cat 941B Crawler/Loader, GP Bucket, Very Good Condition $13,000
JD 750 Dozer, Good Under Carriage, Runs and operates very good..... $16,200
JD 550 6 way angle, good cond..... $14,500
1987 Case 455C Crawler loader, ROPS Canopy, 4 in 1 bucket, rebuilt undercarriage, excellent condition $19,500
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LOADERS

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Ford CL40 Skid Loader..... $4,500
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New Rotary Mowers 3 pt. hitch, (2) 4' & (2) 5' ..... $595 to $695
(2) 18 Ton Centerville Air Brake Trailers..... $6,500 ea.
Reinco gas power straw blower, very good condition..... Call for Price

Deutz DX110 4WD, Complete Cab
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IH 656 Diesel, Hydrostatic Drive
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IH 7 Btm Onland, Mold Board Plow
MF Model 52, 22' Holding Wing Disc
Brillion M80 Cultimulcher
McKee 8R Hyd Folding, S Tine, Rear Mount Cultivator
IH 800 Cyclo Air, 8R, Semi Mtd, Planter, Hyd Folding w/Seed Monitor
JD 21 Spout Grain Drill
4 MFC Green Pea Combine w/Oliver 88 Tractors
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MF 2675 Diesel Tractor 103 HP.
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MF 240 Tractor
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NEW SPECIAL!
• Grimm Super C Hay Tedder
List $1,950
Cash (No Trade)
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Serial 500 w/Rack

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•5/8" Ball Bearings with 10'x410/350 Wheels
• Load Cap. 1000 lbs.
SALE **$144.95**

560 SERIES TAN DEM w/RACK!

Four Sizes In Stock: $52 To $237
• 5/8" Ball Bearings w/10"x410/350 Wheels
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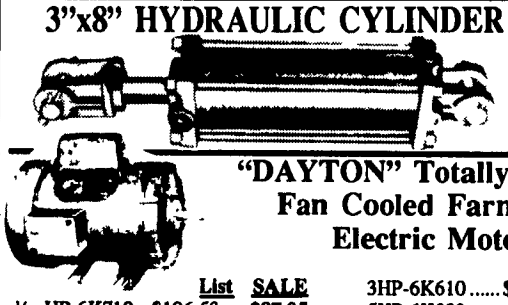

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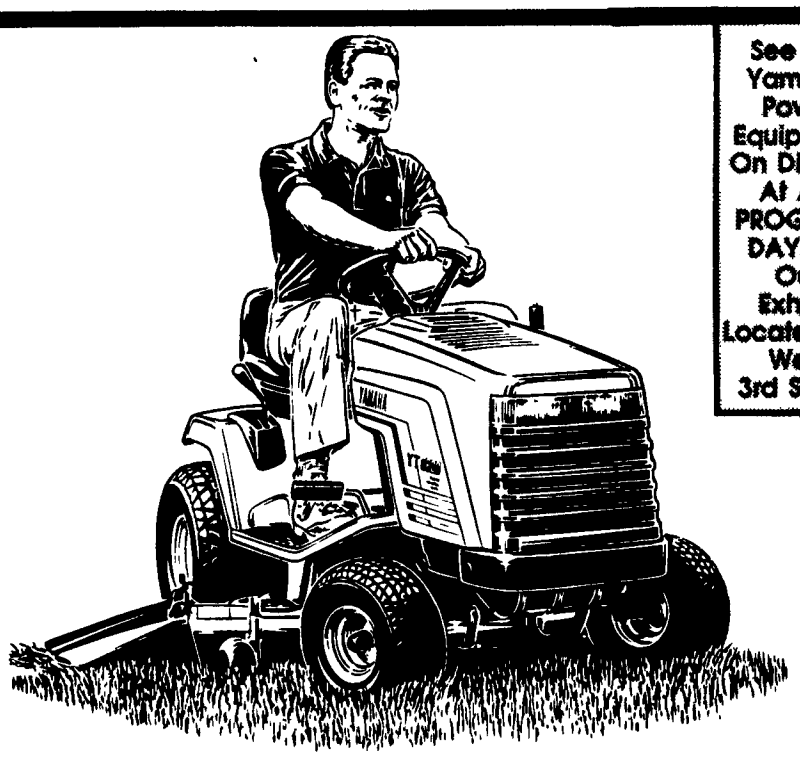

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Designed and built 100% by Yamaha, the 12-hp and 18-hp Lawn Tractors utilize advanced overhead valve engines for high reliability and efficiency, with extremely low maintenance and noise. Cutting is quick and clean, thanks to computer-designed decks. And riding is as easy as it gets, thanks to color-coded controls, and Yamaha's super-simple, no-clutch Hydrostatic transmission. Come ride one.

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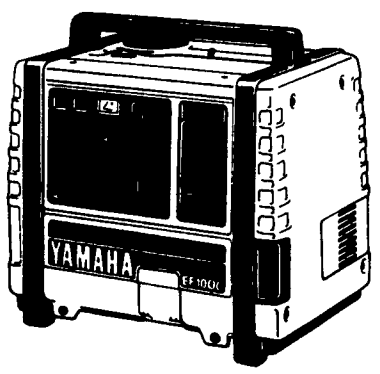

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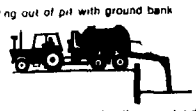
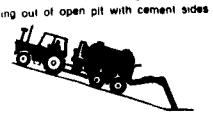
Loading out of pit with ground bank

Using 6 side valve and hose for pumping out open pits or under building


Loading out of open pit with cement sides

Using top hydraulic manhole for loading with pump (optional)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3 PT HITCH EQUIPMENT NH 450, IHC 1300, 7' sickle bar mowers, Ford 14" 2x plows, 4' Mott, 5' finish mower, 3' heavy duty flail mower, IDEAL for mulching strawberry vines, excellent shape T J Wheary and Sons 717-687-0102

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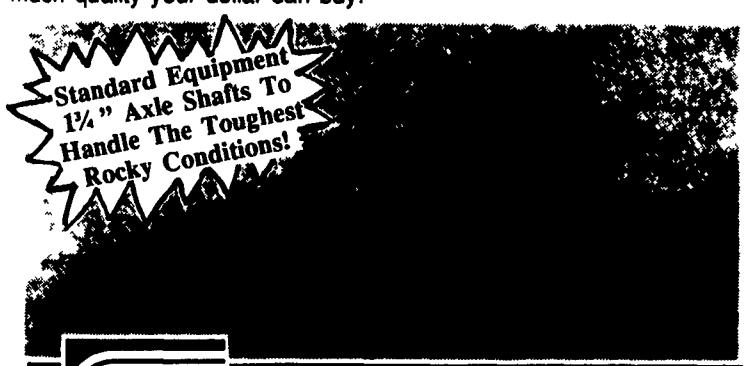
You just can't beat this one! It's at the top of the chart in performance and at a price you can afford. Come by and let us show you just how much quality your dollar can buy!



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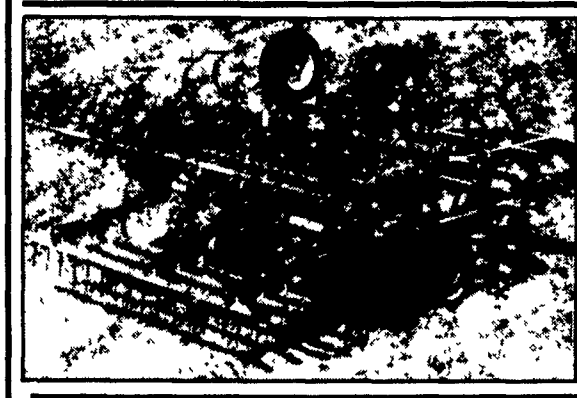

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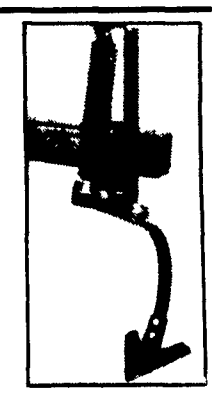

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H. Duty Trip Mount Shanks
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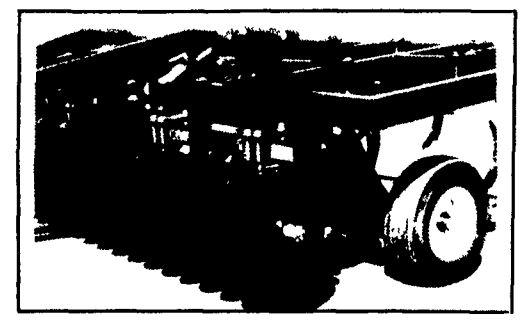

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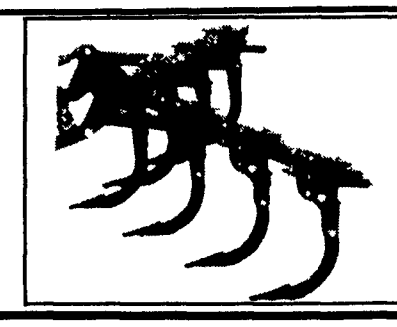

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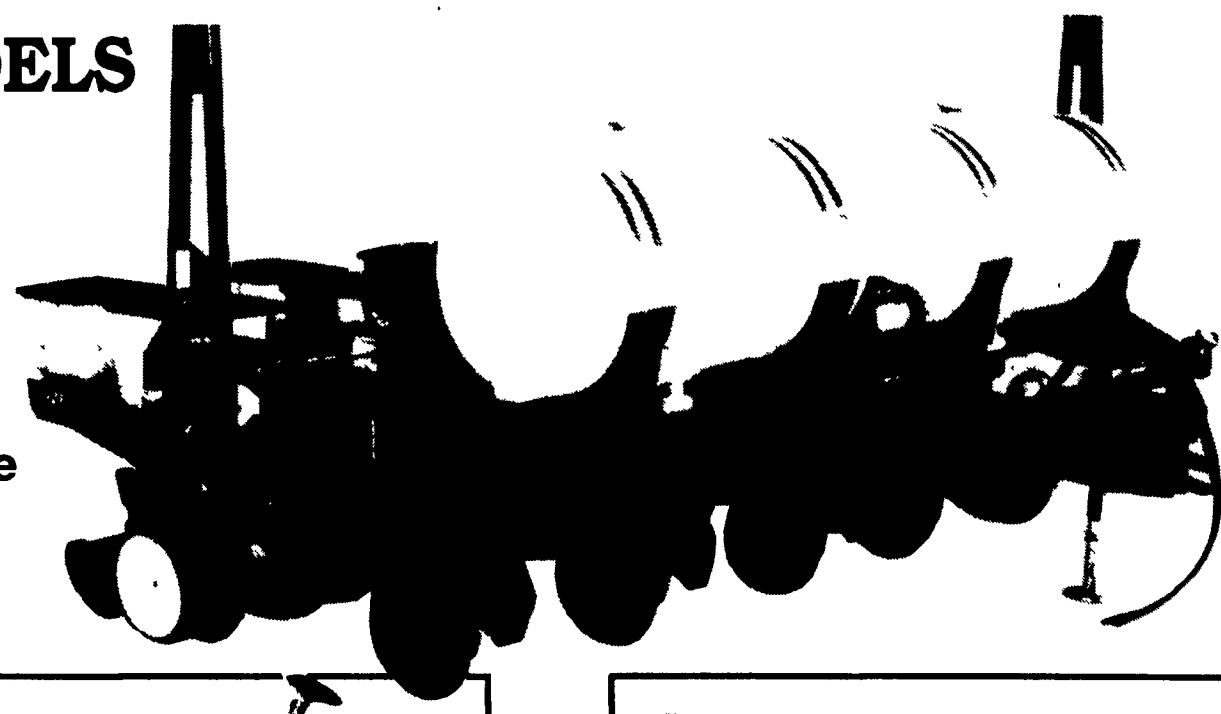

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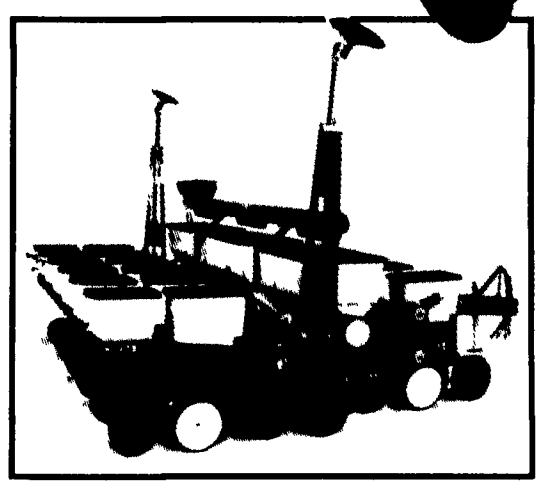

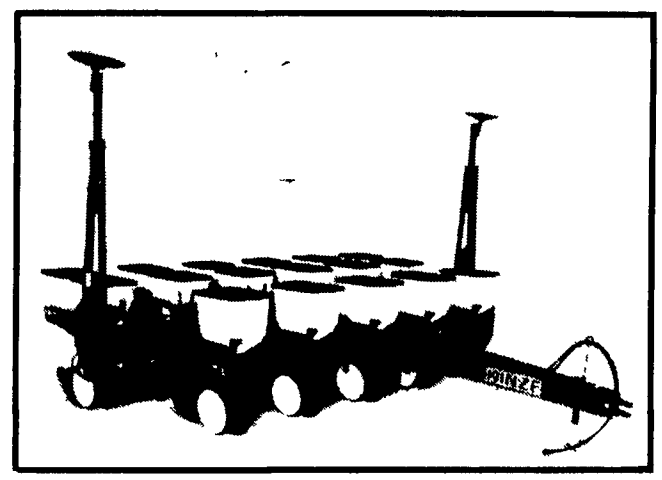

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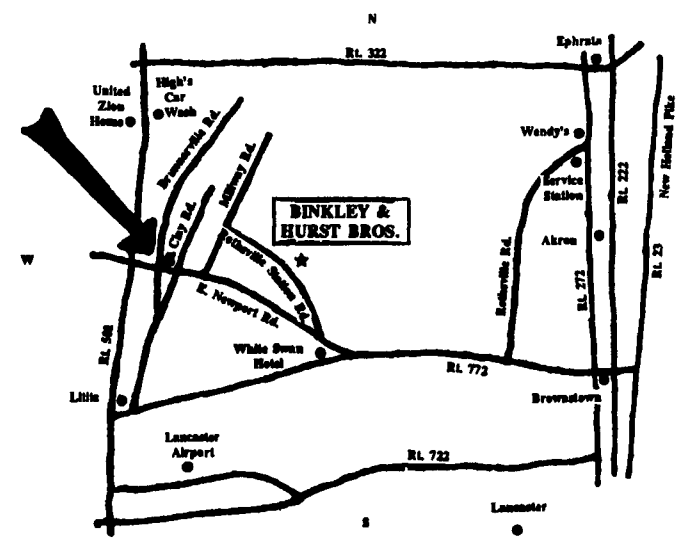

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NH 55 Rake	$875
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Ford 555B 4WD, Loader Hoe
Ford 5000 Gas SOS
Ford 515 Dsl., Loader, Backhoe
Ford 3600 Dsl., PS, w/Canopy
Ford 3600 Gas, 8 Speed, PS
Ford 3000 w/Blade
Ford 3000 Dsl., 8 Speed
Ford 2910 LCG, 300 Hrs.
Ford 2110 2WD, PS, 800 Hrs.
Ford 1910 4WD, PS, w/Front Blade
Ford 1720 4WD, PS, w/7108 Loader
Ford 1320 2WD, PS, 75 Hrs.
Ford 1110 Hydro w/48" Mower
Ford 335 D w/Loader
MF 135 Gas, PS, LPTO, 8 Spd.
JD 1020 Gas
AC 5020 Turf Tires
AC 5040 w/Loader
Farmall Cub w/Mower
Ford 1710 w/Woods Mower

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JD 3300 Combine
Glencoe 9' Pull Type Chisel Plow
Ford 10' 3PT Chisel Plow
New NH 474 7' Haybine
NH 320 Baler w/Thrower
New Ford 905 Post Hole Digger
JD 346 Baler w/Kicker
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JD 6620 Side Hill	$43,000
JD 6620 Side Hill	$39,000
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IH 1480	$39,000
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MF 760 w/Heads	$ 9,900
JD 215 Rigid Head	$ 3,500
JD 653A Row Crop Head	$ 7,900
JD 444 Corn Head	$ 4,400
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JD 443 Low Profile Corn Head	$ 7,900
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JD 1610 10' Chisel Plow	$ 2,000
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NH 851 Round Baler	$ 3,900
JD 27 14' Shredder	$ 3,500

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NH Model 268 Baler
NH Model 310 Baler w/Thrower
AC Model 444 Baler w/Thrower
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NI Model 512 12' Hydra-Steer Mower-Conditioner
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NH Model 717 Harvester w/Direct Cut Head
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NI Model 620 Blower

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IH Model 2500B Tractor Loader (Gas), w/3/4 Yard Bucket
Case Model 1835C Skid-Steer Loader (Diesel)
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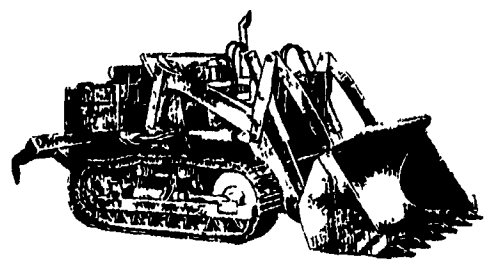

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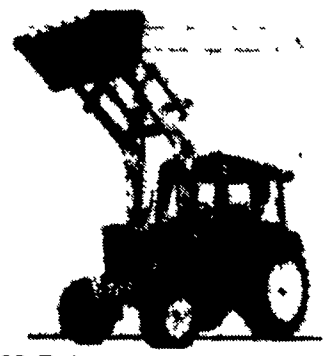

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1988 JD 920 flex cutter bar
1984 JD 224 flex cutter bar
JD 444 Corn Head, Hi-Tin
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1988 JD 655 w/50" Mower Deck & #60 Loader
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1981 JD 4640, cab & air, 3 valves, 2,300 hrs.
1977 Kubota L225, 25 h.p., 950 hrs.
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JD 27 Flail Shredder
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** **Mustang 1700 skid steer loader,** torque converter, water cool engine, quick attach bucket **$4,650**
* **Ford 850,** 5 spd, 14 9x28 tires, big hyd pump. **$2,650**
** **JD 4020** gas, dual hyd, wide front, clean & original **$6,650**
* **Farmall H.** **$950**

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* **NH 320 baler** w/belt thrower, field ready, recent trade **Call For Price**
** **Fox IF 546 base unit,** pull type w/2RN corn head, hay head, extra clean **$1,250**
** **Gehl 300** w/2RN corn head **$950**
** **Fox 6200 chopper,** Perkins engine, cab & air, 4WD, 3RN head & hay head ... **$18,950**
** **NI 486 Round Baler** w/Endless belts, extra nice **$7,250**
** **NH Hay Head** fits 717 & 770 harvesters **$585**
** **Fox Max I Harvester,** self propelled, 1,000 RPM, cab w/air & heat, 2 WD, Detroit 238 hp, 2 row wide head & hay head, clean. **Call For Price**
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** **NH 315 Baler** w/hyd tension, bale chute extra clean, shed kept **$3,950**

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IH 1550 loader, fits 574, 674 & 84 utility tractors w/big bucket **$1,250
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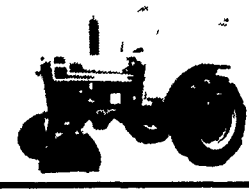

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We are pleased to announce a major improvement in TA strength & performance backed up by a warranty that is unmatched in the industry. The 5/8" width Dana sprag which we have used over the past 10 years has proven its ability to perform under the most adverse of conditions and has achieved results that have sent our competitors scrambling to keep up. By increasing the width of the sprag to 1-1/32" and caging it in a heavier frame, we now have an unmatched shock load capacity and dramatically raised our load carrying ability. Our studies have shown that 90% of TA problems are directly related to sprag failure. We feel that we now have the strongest sprag & best rebuilt TA available and it will be warranted as follows:

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IH 416, 460, 706, 806
IH 404, 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine
JD 6620 Sidehill

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IH 2250 loader w/84 series mounts, good condition
IH 1086 C/A 20x38" radials, good condition
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JD 720 or 730 Factory Wide Front End

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1973 JD 4400 diesel w/13' floating head, 1800 hours, super clean, always shedded
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702 Unisystem w/737 Husker 713 grain platforms, 744 cornhead
MF 510 diesel, belt, c/a, real nice shape
JD 644 corn head, low tin, oil bath
JD 843 corn head, low tin, oil bath

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Fox 2000 Chopper
JD 346 W Baler
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(3) IH Cub
MF 165 G Tractor
Ford 2000 Tractor
JD 4200 4B Rollover Plow
MF 3B Plow
Gehl 99 Blower
30 KW Generator
JD 45 Combine
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IH 800 4RW Planter
IH 510 10' Drill
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JD 655, 4WD
JD 755, 2WD & 4WD
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JD 955, 4WD
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JD 770 2 & 4WD
JD 1070 4WD
JD 2155 2WD
JD 3155 MFWD, SG

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JD 1600, 1460 Mower Conditioner
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AC B w/Woods Belly Mower
JD 47 Loader
IH 33 Power Lift Loader
IH 510 16x7 DD Drill
(2) IH 350 10' Disc
IH 540 spreader hyd. endgate
Artsway 423 grinder mixer
NH 27 blower Whirly 540 rpm
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Killbros 8 ton bin wagon
NH 273 Baler
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986 Cab
966 Cab
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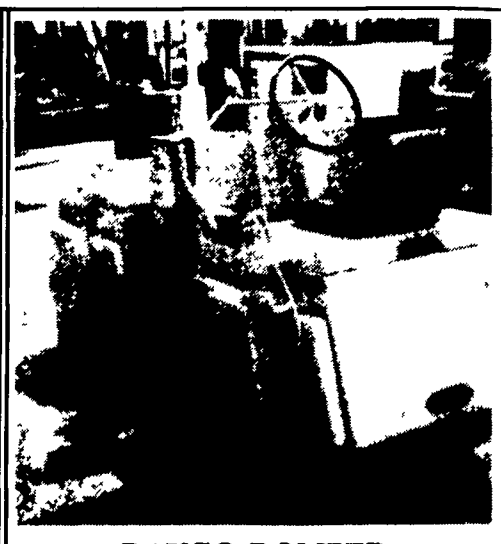

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Case-IH 8420 Round Baler
Case-IH 8530 Sq. Baler w/Thro.
Case-IH 720, 4F, 18", Auto. Plow
Case-IH 475 12' Disk Har.
Case-IH 5100 20x6 Drill
Case-IH 900 6R Air Planter
Case-IH 2255 Loader
Case-IH 550 Spreader
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Case-IH 2250 Loader
Case-IH 86 Hay Rake, Hyd.
Case-IH 600 Forage Blower
Case-IH 3309 Disc Mower/Cond.
Case-IH 1300 Sickle Mower
Case-IH 860 Hay Rake, Gr. Dr.

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IH 574 D Tractor	$ 6,150	Ford 4F 14" 3PT Plow	$ 350
JD A Tractor	$ 850	NI 565 Baler w/Thrower	$ 4,850
IH F-C w/Cult. Tractor	$ 850	IH 1300, 3PT 5' Mower	$ 950
IH F-BN Tractor	$ 1,150	IH 1190 Mower/Cond. (Nice)	$ 5,350
Hesston 1014+2 Hyd. Swing	$ 5,850	IH 203 SP Combine	$ 1,500
NH 479 Haybine	$ 1,350	Ont. 13x7 SD Drill	$ 650
IH 430 Baler w/Thrower	$ 1,850	IH 56 4R Planter	$ 950
IH 550 Harvester w/Heads	$ 1,200	5th Wheel Wagon Chassis	$ 485
JD 34 Harvester, 1R & PU	$ 950	Gehl FB88 Blower	$ 750
IH 700 5F 16" Auto Plow	$ 1,950	NH 27 Blower	$ 850
IH 710 5F 16" Plow w/Cyl.	$ 1,350	Gehl FB99 Blower	$ 1,250

MIFFLINBURG FARM SUPPLY, INC.
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Evenings - 717-524-2924 - Frank Saner

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AG PROGRESS DAYS SPECIALS!

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COLD WATER

All Washers Include Trigger Activated Gun w/Soap Control From Gun And 20' or 40' Of Hose And Adjustable Pressure

			List	SPECIAL
1000 GD	1000 PSI	1½ HP/3 Plunger Elec.	$579.00	$485.38
1000 GXE w/cart	1000 PSI	1½ HP/3 Plunger Elec.	$818.33	$725.00
1200 GDE	1200 PSI	2 HP/3 Plunger Elec.	$719.00	$599.00
1200 GXE w/Cart	1200 PSI	2 HP/3 Plunger Elec.	$923.33	$750.00
1500 GDE	1500 PSI	3 HP/3 Plunger Elec.	$1040.00	$863.76
2000 GXE w/Cart	2000 PSI	5 HP/5 Plunger Elec.	$1808.33	$1,475.00
3000 ME, Deluxe Cart	3000 PSI	7¼ HP/5 Plunger Elec.	$2916.66	$2,295.00
1200 GB	1200 PSI	4 HP B&S/3 Plunger	$706.66	$525.00
1200 GH	1200 PSI	3½ HP Honda/3 Plunger	$863.33	$675.00
1200 GXH w/Cart	1200 PSI	3½ HP Honda/3 Plunger	$1066.66	$725.00
1599 GB	1500 PSI	5 HP B&S/3 Plunger	$783.33	$625.00
1500 GH	1500 PSI	5 HP Honda/3 Plunger	$995.00	$745.00
2900 GXH w/Cart	2900 PSI	11 HP Honda/5 Plunger	$2008.33	$1,625.00

GRADE HARDWARE

NUTS LOCK WASHERS BOLTS FLAT WASHERS

Only $1.29 per pound

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- IH 1086 Tractor w/3 Pt. Hitch
- IH 484 Tractor
- Oliver 1255 Tractor
- Case IH 2096 Tractor w/Cab, Exc. Cond.
- IH 5088 Tractor, Exc. Cond.
- MF 1100 Tractor

SKID LOADERS
- Case 1818 Loader w/Bucket
- NH LB620 Loader, 4x4, 56 H.P. Diesel, 450 Hrs., Like New
- Case 1737 Skid Loader
- Case 1830 Skid Loader
- NH L445 Skid Loader, 900 Hrs.

HAY & FORAGE
- NH 315 Baler w/Thrower
- NH 278 Baler w/Thrower
- NH 27 Baler w/Thrower
- NH 320 Baler w/Thrower, Real Nice
- NH 855 Round Baler w/ Autowrap
- NH 853 Rd. Baler w/Autowrap
- Vermeer 605C Round Baler
- Gehl 1640 Round Baler
- NH 411 Discbine
- NH 1495 SP Haybine, 12 Ft. Head
- NH 495 Haybine, 12 Ft.
- NH 114 Hydroswing, 12 Ft. Haybine
- NH 489 Haybine
- JD 480 Mower-Conditioner
- Hesston PT10 Mower-Conditioner
- NH 404 Hay Crusher
- Fox 5250 Harvester, 4WD, Corn Head, Pick Up Snapper Head
- NH 716 Forage Harvester
- 706 Unisystem w/Cab & Air, 4WD, Diesel, 4 Row 30" Picker, Like New, 1200 Hrs.
- NI 702 Harvester, Gas, w/737 Husking Bed, 834N 4 Row Cornhead, 687 Hrs. Exc. Cond.
- NH 717 Harvester
- NH 890 A3 Auger Base
- NH 890 N3 Cornhead
- NH 890 Pick Up Attachment
- NH 1010 Auto. Bale Wagon
- IH 844 Cornhead
- JD 716 Forage Box, Tandem Axle, Roof, Crane Ext.
- NH 918 P4 Cornhead
- JD 7 Ft. Rotary Mower
- NH 27 Blower
- NH Twin Dual Rake Hitch
- Hustler w/72" Mower
- Vicon 3 Pt. Hitch Rake Tedder
- NH 258 Rake

PLANTING & TILLAGE
- Athens 7 Shank Chisel Plow
- Athens Terrace Disc Plow
- AC 333 Planter, 6 Row, Exc. Cond.
- Ford 3 Bottom, 3 Pt. Plow
- IH 56 6 Row Planter
- IH 710 5 Bottom Auto Reset Plow
- IH 3 Bottom 440 Plow
- Dunham 9 Tooth Chisel
- Dunham 14 Ft. Packer
- IH 315 Cutti-Mulcher, 12 Ft.
- IH 10 Grain Drill
- White 252 12 Ft. Disc Harrow
- Landall 7 Shank Soil Saver, Like New

SPREADERS
- NH 307 Spreader
- NI 355 Tandem Axle Spreader, 550 Bushel, Top Beater, Hyd. Endgate, Exc. Cond.
- NH 791 Spreader, Hyd. Endgate, Exc. Cond.

MISC.
- NH 353 Grinder/Mixer w/Scales
- 3 Pt. Fork Lift
- IH 1150 Grinder Mixer
- McKee Snowblower, 3 Pt. Hitch
- Cornhog Grinder/Blower
- NH 358 Grinder Mixer
- Van Dale 3000 Gal. Liquid Manure Spreader w/Injectors
- 20.8x38 Dual Wheels

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- 62 HP • Big 18.1 GPM Hyd. Pump
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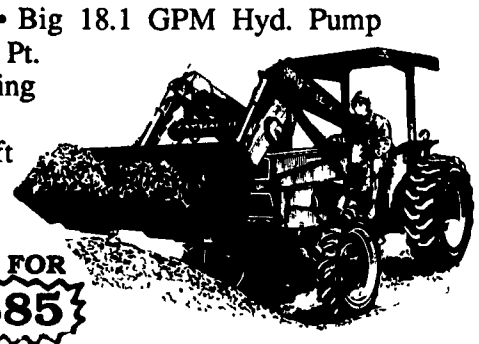
- Powershift



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5 Year 5000 Hour Warranty

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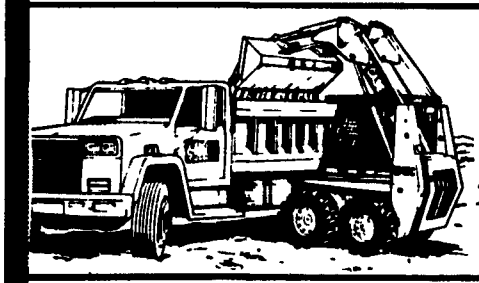
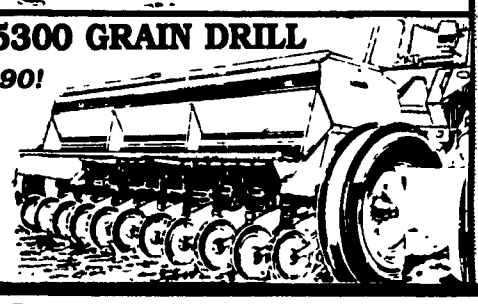
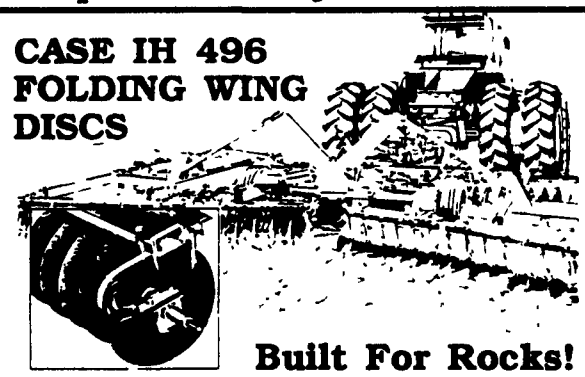


CASE IH SKID STEER Models
1818, 1825, 1840, 1845

CASE IH 5300 GRAIN DRILL
NEW FOR '90!
20, 24x6 Grain & Soybean Special!



CASE IH 496 FOLDING WING DISCS



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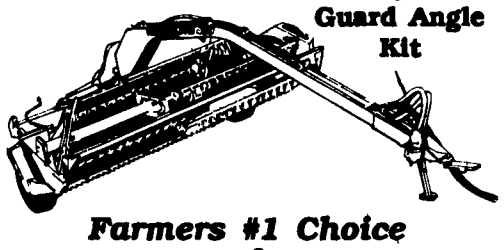
NH 1499 MOWER-COND.

N.H. MODEL 499 HYDRO-SWING
Pivot Tongue Mower Conditioner
With Hydraulic Guard Angle Kit



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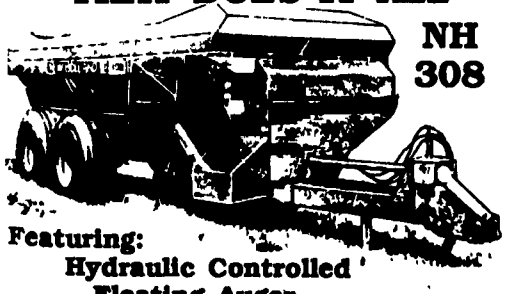
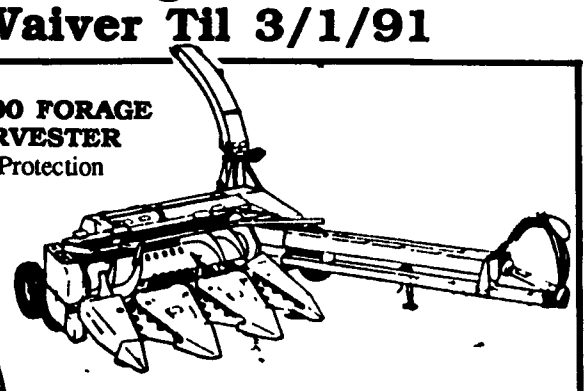
THE SIDE DELIVERY MANURE SPREADER THAT DOES IT ALL
NH 308



Featuring:
Hydraulic Controlled Floating Auger

0% Financing/18 Months Or Waiver Til 3/1/91

NH 900 FORAGE HARVESTER
- Metalert Protection



NH 790 FORAGE HARVESTER
- 12 Knives
- Quick Adjust Shear Bar
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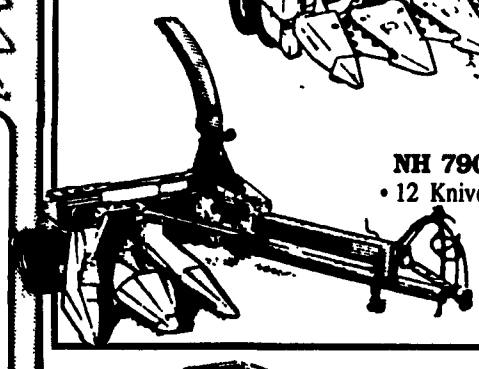
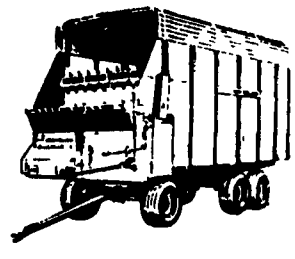
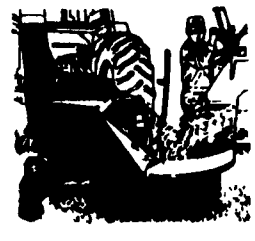
- 540 PTO
- 2 Row 824 Cornhead





NH 716 FORAGE BOX
12 Ton Tandem Axle



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Heavy Duty 1000 RPM Capacity

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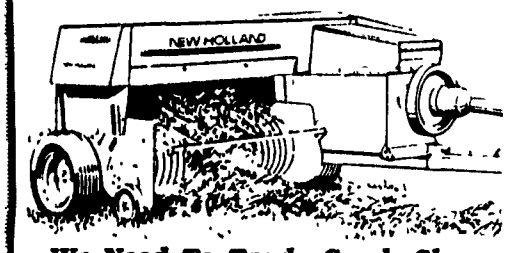
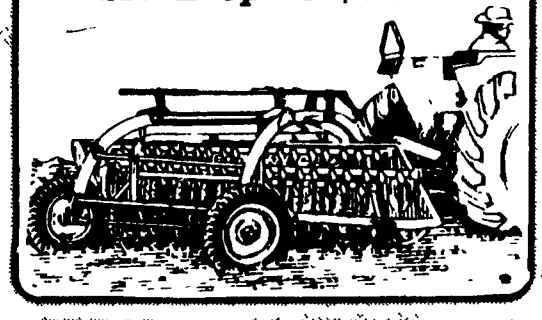
NH 565, 570, 575 BALER w/72 THROWER



We Need To Trade Good, Clean Used Balers.
WAIVER 'TIL 3/1/91!!

NH 256 & 258 RAKES
End-Of-Season Clearance!
SAVE *Up To* $500!



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Call Today!

150-20 bu. Smalley bulk bins, 48x40 Contact: Ted Barclay 609/799-2074

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JD 755 4WD JD 870 4WD
JD 855 4WD JD 970 4WD
JD 955 4WD JD 1070 4WD
JD 670 4WD JD 2555 4WD
JD 770 4WD JD 4255 4WD, demo

Interest Waiver Until April 1, 1991 On All Hay & Forage Equipment. Stop by Today!

MISC.

2 - JD 350 Spreader w/Endgate
JD 450 Hydra-Push Spreader w/Endgate
JD 603 Rotary Cutter
(3) JD 503 Rotary Cutters
JD 403 Rotary Cutter
2 - JD 45 Rear Blade - 6 ft.
2 - JD 245 Loaders (Self leveling)
JD 175 Loader
JD 25A SOLD Mower

HAY & FORAGE EQUIP.

2 - JD 1219 Mower Cond.
JD 1460 Rotary Mower Conditioner
JD 328 Bal SOLD 0 Ejector
JD 240 Disk Mowers
JD 662 Rake

PLANTERS & DRILLS

JD 450 Drill - 10 Ft. Plain Grain

USED EQUIP.

JD 4020 diesel tractor, side console $9,100
JD 4620 power shift tractor $11,900
JD 4010 gas tractor w/loader $4,500
JD 3020 gas tractor $3,500
Ford TW10 tractor $15,900
AC 5040 tractor w/loader $6,500
JD 2500 Plow 5x18 spring reset ..... Coming In
AC 12' chisel plow ..... Coming In
NH 315 baler w/70 thrower, (excellent condition) $4,900
NH 78 Baler w/Thrower $1,650
JD 336 baler w/30 ejector $3,900
JD RWA 14' disc ..... Coming In
JD 336 baler w/30 ejector $2,000
JD 35 forage harvester w/corn head $1,950
JD 1209 mower conditioner $2,200
NH 489 mower conditioner, (excellent condition) ..... Coming In
NH Rake $1,500
NH 55 rake ..... Coming In
Bedding Chopper w/5 HP Honda Engine (like new) $1,000
Tye 6' no-til drill $4,500
JD 24T baler w/30 ejector $1,800

NEW— 40, 50, 60 & 70 HP TRACTORS IN STOCK READY FOR DELIVERY!

USED TRACTORS

IH 806
IH 706
IH 340
AC 185
AC 7045, PS, Cab & Air, Nice
AC XT190 Series III

AC 180 (Good Cond.)
AC 190XT (Good Cond.)
AC 7030, w/Cab (Like New)
Used 443 AC Baler Very Good Condition!
Used NH, Gehl, Bobcat Skid Loaders
AC 5040
JD 2010 w/Loader

COMBINES ▶ AC Gleaner F
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USED EQUIPMENT

IH 5100 Grain Drill, Double Disks
AC K Combine w/2 Row Corn Head & Grain Head

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Lawn & Garden Tractors- Ready To Run

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JD 210
JD 212
Honda
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Large Selection
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Deutz Allis

Model 5215 Hydro D., 18 H.P. Engine, 2WD.,
Model SOLD yncro D., 18 H.P. Engine 4WD.,

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Towanda, PA
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Delivery Available
Lease Financing Available

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Ford TW25 4WD, Cab, Air, Weights, 3 remotes, 20x38 tires, excellent
Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
Ford TW5 Cab, Air, 4WD, 1600 hrs., very nice (loader available)
Ford 7710 4WD, cab & air, fully equipped, excellent, (loader available)
Ford 7710 4 WD non-cab, low hrs, very nice (loader available)
Ford 7000 Dsl. all purpose, dual power, dual remotes, very nice
Ford 5000 dsl., w/dual power & cab
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
Ford 3000 dsl., 8 spd., w/Ford loader and rear weights, very nice
Ford 860, 5 spd. live PTO, excel.
Ford 4000 dsl. 8 spd. 2 remotes, weights and Ford Loader
Ford 1700 Dsl., 4 WD, w/ldr. and rear mower, very nice
Ford 801, Gas, 5 spd., live PTO, PS, 1400 orig. hrs., very nice
JD 4020 side console, syn. range w/2 remotes
JD 4020, 1971, side console, syn. range, w/factory cab w/heat
JD 4020 dsl., 1972, w/18x38 tires, powershift, roll bar and canopy, excellent
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 4050, 15 spd., power shift, 4 post ROPS, low hours, excellent
JD 3020 dsl., w/year-round cab and JD 148 loader, excellent
JD 3010 dsl., NF, very nice
JD 620, PS, 3 pt., w/JD 237 mounted picker
JD 420, 5 spd. w/live PTO, very nice
Oliver 1650 gas, WF, weights, dual remotes
Oliver 770 gas NF w/PS, good condition
Oliver 1850, dsl. w/3 spd. over/under, 3000 orig. hrs, very nice
IH 784 4WD, Dsl. w/IH quick-attach loader, nice cond.
IH 230 2 pt. w/mower, excellent
White 2-85 non-cab tractor
White 2-105, 1979 model, cab, air, 4WD, 2600 hrs., excellent
White 2-105 Fender tractor, 18x38 tires, very nice
Ferguson T030 w/all hyd. lder.
Farmall Super H, factory live hyd. belt pulley, very nice
Farmall 1456, 2 remotes, 2 PTO's and weights duals, all orig. and excellent

IH 82 Pull Type Combine w/Hume Reel and Scour Clean, Excellent Condition

USED PLANTERS AND DRILLS

Brillion SS 10 seeder w/transport wheels and acre meter, nice condition
JD 7000 4RN, reg. planter, w/dry fert., good condition
IH 56 4 row w/DD openers

USED PLOWS AND CHISELS

IH 550 5x16 Reg. Trip Plow w/coulters and gauge wheel, excellent
Oliver 4x14 cushion trip plow, semi mounted w/coulters
JD 1450 5x16 cushion trip, semi mount, hyd. hitch, coulters, gauge wheel
Wilrich 9 tooth soil saver, excellent condition
Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Bushhog 3 pt. chisel w/gauge wheels, 8, 10, 12 tooth
JD 100 pull type chisel, 8 or 10 tooth
White 508, 5x16 w/coulters, gauge wheel and side hill hitch, excellent
Ford 101, 316 mounted plow
Ford 142, 316 mounted cushion trip

USED DISCS AND HARROWS

Oliver 252 12' finishing disc, very nice
White 265, 12' heavy frame cutting disc, w/big blades, and tandem wheels
Pittsburgh 11' disc, w/notched blades
Kewanee 14' rock flex heavy duty cutting disc, very good cond.
Dunham Lehr 14' Cultimulcher, w/dual inboard wheels
IH 370 14' Disk

USED FORAGE EQUIPMENT

JD 16A flail chopper, late model, nice
Gehl 72B flail chopper, good condition
NH 38 flail chopper, used very little
Fox Maxi one, self-propelled harvester, diesel, hydro, 4 WD, 3 RN corn head
Fox 6244, self-propelled, 4WD w/cab, 3 RN corn & 7' pickup
JD 3960, 2 RN, 5' pickup, elect. controls, nice
Gehl CB1000 w/late model pu and corn head, electric controls
Gehl CB400 electric controls, 2 row cornhead and pickup, nice condition
NH 892 w/824 2RN and 880W pickup, electric controls, reconditioned, and painted
NH 782 w/2RN corn and hay pickup, electric controls, reconditioned and painted
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
NH Super 717, late one w/square spou SOLD 1R cornhead, and pickup, excel.
NH 23 forage blower, excel.
AC long hopper blower PTO driven, excellent

NH 316 Baler w/all hyd. driven thrower, almost new

USED HAY EQUIPMENT

NH 258 Rake w/rubber teeth
NH 848 Round Baler, 2 yr. old, excellent
NH 479 Haybine, good condition
NH 499 12' hydro swing, excellent
NH 451 3 pt. SOLD mower, 7 ft. bar
NH 495 12' Haybine, excel.
NH 488 w/stub guards, very nice
NH 256 Rake, very nice
IH 435 baler w/#15 thrower, excellent
NH 847 round baler one owner, excellent
NH 4(SOLD aybine

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
Gehl HA 900 hay pickup
Gehl 2RN Head, excellent
Gehl 6' open end pickup w/dolly wheels
JD 7' Hay pickup w/wheels
Gehl 1 Row cornhead
JD 1 row corn head
NH 1 row corn head

MISCELLANEOUS

Lamco Feeder Wagon w/running gear
NH 679 Tandem Axle Spreader w/gate
JD 48 Loader w/brackets
JD 700 Grinder Mixer, very nice
Allied 660 QT loader, w/Ford brackets
Lamco 3 beater wagon w/roof and tandem gear, nice

Ford 5000 $5,950
MF 135 $3,950
NH 770 harvester $1,600
NH 479 haybine $2,100
NH 469 haybine $1,300
NH 770W hay head $600
NH 273 baler SS w/ thrower $1,500
NI 323 1 R corn picker $2,100
JD 121 cultimulcher $1,900
Fahr hay tedder $995
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Berks County

NI Uni 710 combine, 713 grain head, 727 corn picker. Chester Co. 215-274-8514

Nice K Gleaner, 10' & 3-30", thru our shop, $5,950. Larry Stalter "The Combine Man". 1-800-248-2151

Krause #4921 Disc
Excellent Condition
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New Holland Baler 277, needs work, $1,000 Easy Trail Wagon gear, like new, used very little, 11.1-15 tires, $800. New Dion forage wagon, never used, 16', 3 beaters, roof, $5,750. Available with or without JD 12 ton tandem gear. 301/223-7385

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WOODS MOWER 20' Batwing, demo, $7,500. 301-833-9091

WOODS MOWER CADET 72, new, $1,100 301-833-9091

WOODS MOWER, New HD 315 Batwing, $5,750 301-833-9091

Case 450C
2100 Hrs., New U.C.
$15,000
301-833-9091

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bobcat

SKID STEER LOADERS

1987 Toyota SSL, 8SDK, solid tires, industrial grapple $8,500
Bobcat 825, Perkins diesel, 66" bucket $7,400
Bobcat 643, 54" Bucket w/Teeth $5,500
Bobcat 642, 600 hrs., like new $8,900
Bobcat 632, 54" Bucket $5,200
Bobcat 600, 54" Bucket $2,900
441 Mustang, 66" bucket, excellent condition $6,900

TRAILERS

Eager Beaver model AP10, 5 ton capacity, excellent condition, electric brakes $2,200

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SPECIAL PRICES ON NEW AND USED EQUIPMENT

WHITE FARM EQUIP. SPECIALS

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1-White 120 2 Wheel Drive Tractor w/20-8x38 Rear Tires	$49,500	$36,500
1-White 281 Disc Harrow	$7,950	$7,050
1-White 348 SAR 3 Bottom Plow	$7,200	$5,400
1-White 423 14 ft. 3 pt. Chisel Plow	$4,608	$3,125
1-White 435 14 ft. Disc Chisel Plow	$8,650	$7,200
2-Whtie 5100S 5 Row Soybean Splitters	$7,350	$5,675
1-White 6342 4 Bottom Rollover Plow	$9,950	$6,250

USED OLIVER & WHITE TRACTORS

1-White 2-150 Dsl w/20-8-38 Radials
1-White 2-70 Dsl w/18-4-34 Rear Tires
1-Oliver 1955 Dsl w/18-4-38 Rear Tires
2-Oliver 1855 Dsl w/18-4-38 Rear Tires

USED WHITE TILLAGE

1-565 6 Bottom Semi Mount Plow
1-435 10 ft. Chisel Disc
1-273 17'x10" Wing Disc
1-281 10'x10" Offset Disc

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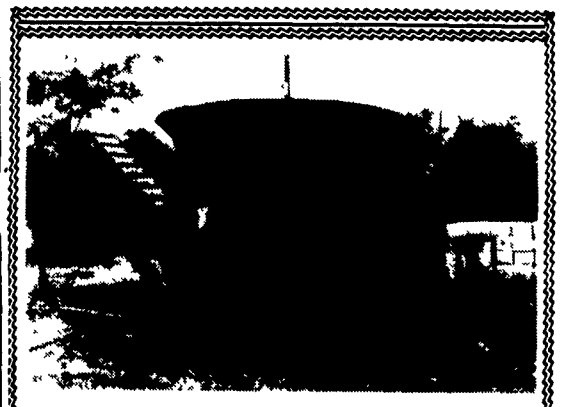

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TRACTORS

JD 750 MFWD w/60" Mid Mower, 400 Hrs	$ 7,250
JD 650 MFWD w/60" Mid Mower, 20 Hrs, New Warranty	$ 7,950
JD 4050 1987 Model 4 Post PS	Coming In
Farmall 400 w/Pulley, Fast Hitch, New Torque and Motor	Coming In
JD 2750 w/146 Loader, 1300 Hrs, Like New, 1986 Model	$20,900
IHC 806	$ 4,500
JD 855 w/300 Hrs, MFWD & Valve	$ 9,500
JD 2150 w/Turf Tires, 45 Hrs, Like New	Coming In
Oliver 550, Excellent	$ 4,500
JD 4430 w/Cab & Air, 1977 Model	Coming In
Farmall H w/Front Blade	$ 1,500

COMBINES

IH 1460 Combine	Coming In
JD 4420 Combine	Coming In
NH TR70 w/4RN, 15' Flex Grain Head, w/1800 Hrs., Excellent	Coming In
IHC 205 w/10' Grain Platform & Cab, Nice	$ 4,750
NI 709 Unisystem w/Sheller Unit & 4RN Cornhead	$18,900

CORNHEADS & GRAIN PLATFORMS

JD 15' Cutting Platform, Excellent	$ 2,350
NI 844 Snapper WR	$ 2,000
JD 643 Cornhead, Excellent	$ 7,850
AC 3RN Cornhead w/Hesston Snapper Head Adapter	$ 2,300

MISCELLANEOUS

Bobcat 743 Diesel Skid Loader w/2 Buckets	Coming In
JD 90 Skid Loader w/2 Buckets	Coming In
JD 48 Loader w/Ind Valves	$ 1,800
McCurdy 12 Ton Tandem Chassis	$ 1,000
White 10' Offset Disc SOLD ew	Coming In
Spreader Box	$ 750
JD 1550 Powertill Seeder w/Grass Seeder, Nice	$ 3,250
Whitmore Blower Grinder	$ 800
NI 325 Picker Sheller	$ 2,500

HAY EQUIPMENT

NH 489 Haybine, Excellent	Coming In
NH 1112 Self Propelled Windrower	Coming In
JD 330 Round Baler, Excellent	$ 8,250
NH 411 Disc Bine 2 SOLD ld	$ 8,350
Hesston 6555, Self Propelled Windrower w/12' Head, 900 Hrs., Excellent.	Coming In
JD 350 mower	$ 1,750
NH Double Hitch for Rakes	$ 495
NH 315 Baler w/Thrower	~~$4,000~~ $ 2,995
NH 282 Baler w/Thrower, Excellent.	Coming In
NH 273 Baler w/Thrower	$ 2,500
NI 555 Baler w/Thrower	~~$4,000~~ $ 3,250
JD 670 Hay Rake, 9½', Rubber Teeth, Gauge Wheel	$ 1,895
Hesston 5510 Round Baler, Nice	~~$6,450~~ $ 5,850
3 - Used Elevators	$600-$ 1,200

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Complete Cutter Head For JD Self-Propelled Forage Harvester. $3,000

3- NH Forage Boxes w/Chassis	Coming In
JD 3960 Harvester w/Controls & 7' Grasshead	$ 9,000
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IHC 555 Forage Harvester w/2RW & Grasshead	$ 2,500
Papec Forage Harvester w/Grasshead & 2RW	$ 800
JD 716A Forage Wagon w/1275 Tandem Chassis, Nice	$ 6,250

MANURE SPREADERS

5 - NI Manure Spreaders	$700-$ 1,100

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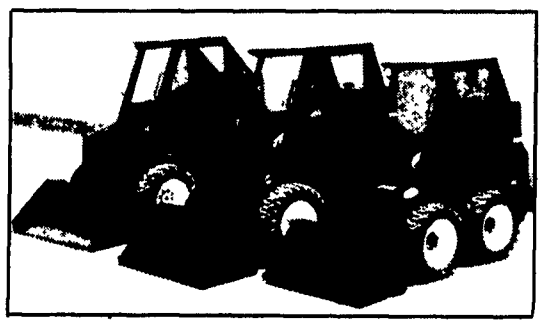
Lahman

SKID STEER LOADERS



MODEL	SAE Rated Load-lbs	SAE Tipping Load-lbs.
20	600	1200
25	800	1600
30	1200	2400
40	1400	2800
50	1800	3600

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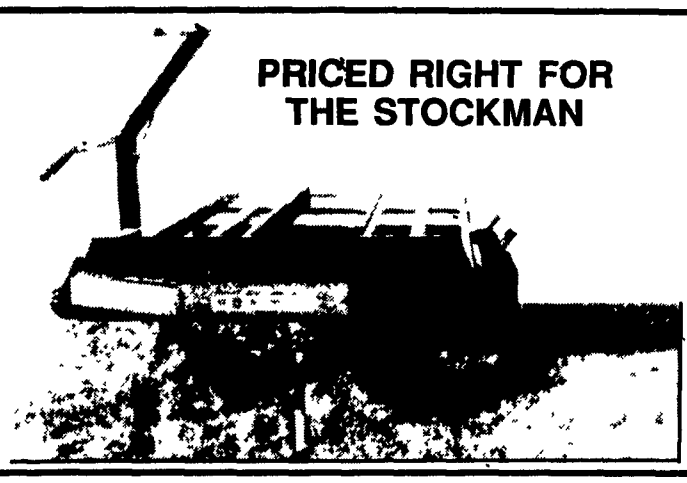

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Used Hesston 5540, Vermeer 504C Round Baler, 10 Used Hesston and Vicon Mower Conditioners, MF 300 with 2 Head $875. The Largest Hesston and Vicon Dealer in Central Pa. New Lahman Skid Loader Complete With Dirt Bucket And Backhoe $8200. 10 Loaders In Stock. Lahman and Flex Round Bale Moving Trailer, Wrappers And Welger, The Super Round Baler For Haylage Baling, Yes Don Erdley Has Over 6 Years Experience With Round Baling Of Haylage With Hesston Round Balers, We Also stock The Plastic Bags And Wrapping Material.

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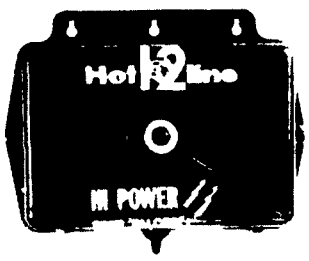

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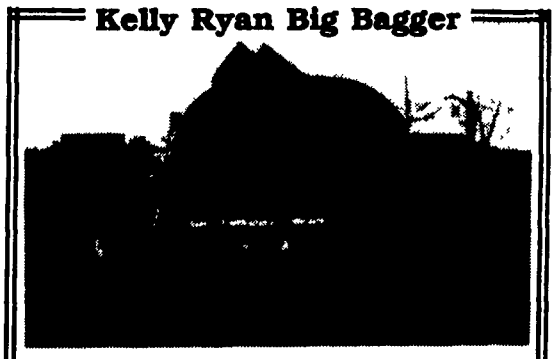

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Case IH 385, 4WD, 2200 Loader, 265 Hours
IH 5088 w/Factory Duals
IH Farmall "C"
IH 500C Loader Crawler w/4-in-1 Bucket
IH 574 Diesel Utility, Nice Shape
IH 340 Utility w/Fast Hitch - Mechanic's Special!
Int. F12 w/Cult., $450
Int. 140 Fast Hitch w/Plow, Cultivator & Corn Planter
Int. 154 Low Boy
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Ford 2110 Gas w/Ford Loader
Ford 2110 Gas Low Boy w/Big Turf Tires
Ford 3000 Gas w/Ford Loader
1835 B Uni-Loader, Nice Shape - $9,500!
Ericson Skid Loader, Huskey Model w/4 Cyl. Wisc. Engine — $2,500
JD 2510 D w/Wide Front End, Exc. Cond.

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $1,500!
IH 844 Cornhead - $2,500
MF 1144 4-Row Wide CH, $4,250
744 Wide Cornhead for 715, Ex. Cond.
MF 510 Diesel- Nice Shape- $4,900!

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(2) IH 315's
IH 300, Power Steering, Burnt
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cycloe- Parts or Field Use
IH 455 & 658 Planters
IH 430 Baler

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AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.
IH FH 4-Row Cultivator
IH 5100 16x7 Comb. Drill, Press Wheels, Ex. Cond.
IH 510 16x7 Comb. Drill, Press Wheels, Ex. Cond.

TILLAGE:
IH 37, 35 In Various Sizes
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
1-Bot. Trailing Plow

HAY & FORAGE:
550 IH Chopper (Parts)
Int. No. 8 Flail Chopper
NH 69 Baler w/o Thrower
NH 469 Haybine - Working Condition
NH 477 7 Ft. Mower Conditioner, Nice Condition
NH 717 Chopper, 1 Row Head - Nice Condition!
IH Direct Cut Head For 15 or 16 Chopper
IH 5000 D 12 Ft. Windrower, Nice Shape
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1987 Cub Cadet, Model 1872 18HP, w/50" Deck
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Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 482
Woods 210 Offset Mower
Worthington 3 Gang Pull Type Golf Course Mower- Ex. Cond.
Toro 7 Gang Pull-Type Golf Course Mower
(2) National 3-Gang Triplex, 1987 Model, 68" Cut- Were $2,000 - Now $1,800 Ea.
National 3-Gang Triplex, Late Model, 84" Cut- $3,500
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MISCELLANEOUS:
Freeman Loader for IH 424
Martin 3300 Gal. Liquid Tanker w/Injector
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
NH 302 Liquid, Side Discharge Spreader - Nice Shape - $3,900
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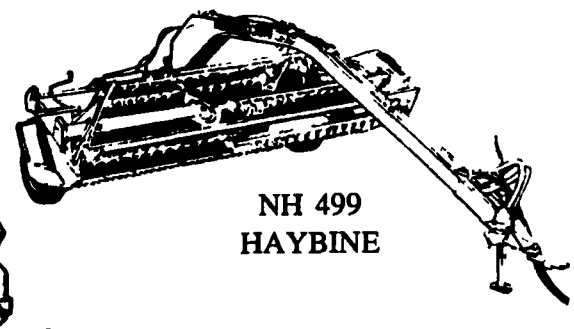
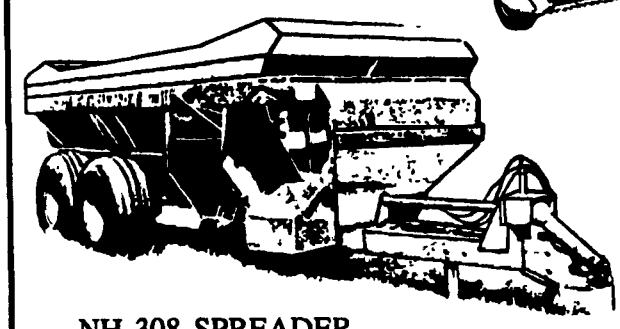


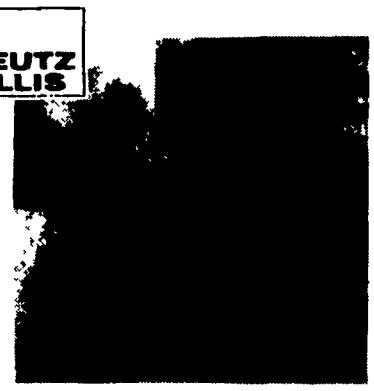
NH 499 HAYBINE



NH 308 SPREADER

- NH 570 BALER
- NH 848 RD. BALER

DEUTZ ALLIS



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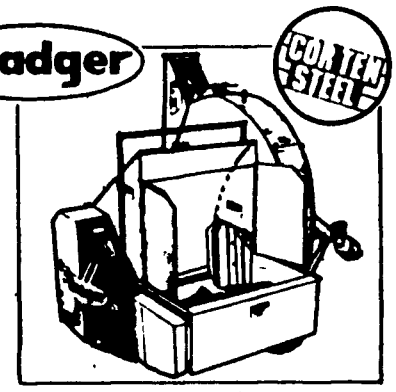

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Farmall 350, PS, fast hitch, TA
Farmall 806 diesel, WFE, 3 pt., cheap H.P.
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IH 1190 hydro swing 9', nice, $2650
JD 1209 9', $1225
IH 990 9', $850

FOR PARTS: NH 469
JD 1209 NH 461
NH 467 AC 829

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JD 115 forage wagon, 3 beater w/roof, nice
NH #8 forage wagon, 3 beater w/NH gear
Gehl 99 blower, nice, $675
JD 38 harvester w/screen, 2 heads, good
NH 770 harvester for parts
JD 38 harvester for parts
IH 56 blower, for parts
NH 2RW corn head Off 77, $425

BALERS

NH 270 w/thrower, nice
NH 269 w/thrower, good
NH 311 S.S. w/70 thrower, NEXT TO NEW
NH 850 round baler w/auto wrap
NH 273 Super Sweep w/chute
NH Super 69 w/chute
Massey 124 w/chute, late model

75 BALERS FOR PARTS

MISCELLANEOUS

IH 540 4x16 semi-mount plow w/gauge wheel
Oliver 4x16 semi-mount plow
JD 10' cultipacker, w/4" axle
IH #10 flail chopper
NH 401 crimper, $250
JD 14' 3PT spring tooth field cult.
IH 510 4x16 semi mount plow w/gauge wheel, nice
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JD 2950, excellent..... $16,000
JD 2950, cab & air w/high & low
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JD 2940, 4 WD
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JD 4020, 72 model
JD 4000 w/cab
JD 4020, '67 model
JD 3020, power shift, late model
JD 4430, QR, cab & air
JD 4430, PS, cab & air, sharp
JD 4630, 4 post, QR
JD 2520, diesel
JD 620, 2 cylinder
Deutz DX140, cab & air, 4WD
AC 7000 w/cab & air
AC 200
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Ford 5000, late model
IH 1466, cab & air, 1 owner, 2,500 hrs.
IH 1066, cab & air..... $10,500
IH 1066, 2,300 original hrs.
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White 2-105 fender tractor
White 2-135, cab & air
Oliver 1855 w/cab
MF 1135 w/cab & air
MF 1105 Fender Tractor
MF 1100, diesel w/cab
MF 180 diesel
MF 1105, cab & air, 1,800 hrs., 1 owner
JD 350, 6 Way Blade
JD 310 backhoe
Case 450 w/6 way blade
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Bobcat 743 diesel
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NI 325 2 row narrow corn picker

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Skid Steer Loader, Gas Engine, Good Condition, Like New
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IH 656 Diesel Tractor & Loader $4,500
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Mustang 330 Skid Loader Call
International 4130 Skid Loader, 25 HP $3,900
IH Model 3200 Series B Skid Steer Loader
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FORD TRACTORS
New 2910
New 6610
New 7710 w/Cab
Used 4000, 4 Cyl.
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NEW HOLLAND
New 489 Haybine
New 488 Haybine
New 472 Haybine
New 329 Manure Spreader
Used 365 Flail Spreader
Used 479 Haybine
Used 272 Baler w/SS
Used 273 Baler w/SS
Used 273 Baler w/ Thrower

OTHER TRACTORS
New Bolens H152 Dsl.
New Bolens H174 Dsl.
Used Case 611 B Tractor

OTHER EQUIPMENT
New Kuhn FC300 Disk Mower Conditioner
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 140 3B x 16" Mtd. Moldboard Plow
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Ford 208, 12' Field Cultivator
New Glencoe 12'9" Soil Finisher
New Glencoe Soil Saver 5 Shank
Used JD 12' Lift Type Spring Tooth Harrow
Used Kuhn Pull Type Tedder
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Used Ford '101 3Bx14" Mold Board Plow
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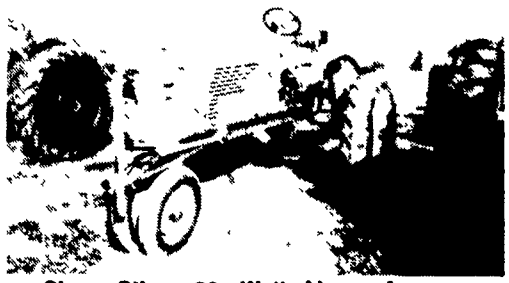

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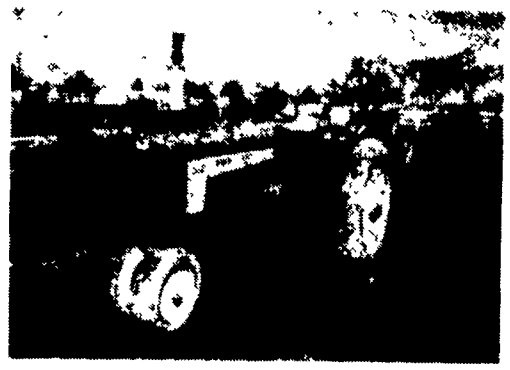

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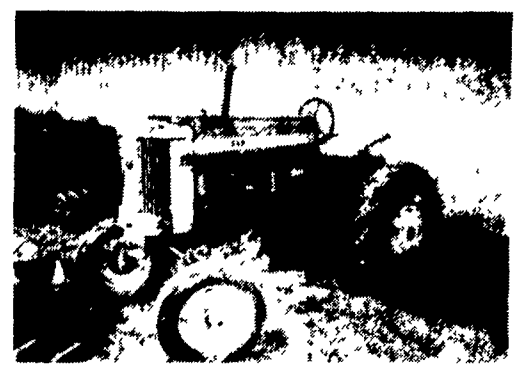
From **$4,000**



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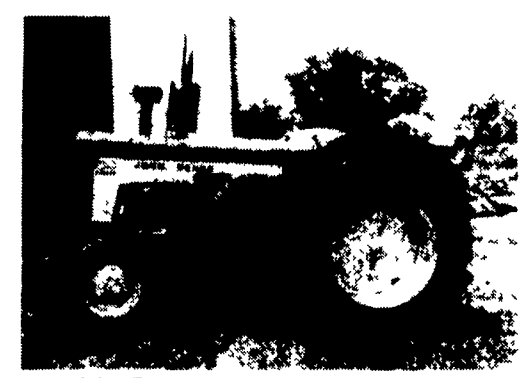
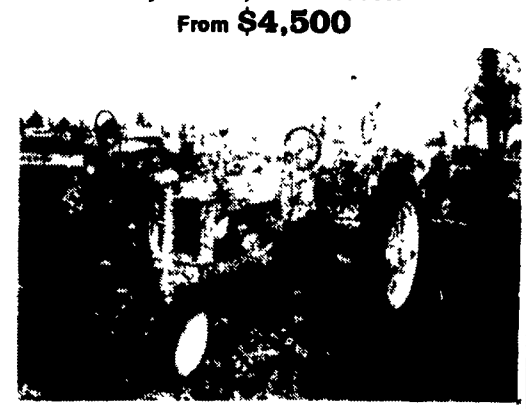
Case 830 HI Crop
Ferg. TO30- Rare Variation
Ford 2000-100 Hours
(2) Ford 8N- 1 Has 400 Hours
Ford 541- HI-Crop Offset
Farmall 560- 1500 Hours
MH Pony
Oliver 1550 HI Crop
Oliver 1650 HI Crop
Oliver Super 77 HI Crop
(2) Oliver 60
Oliver 70
Oliver Super 66
(2) Oliver Super 77
Oliver HG Crawler
Oliver OC46 Loader

Large building full of pedal tractors, literature, dealer signs, toys, other memorabilia for all name brands.



(6) John Deere 830 Diesel's, All Have PTO's, All Have Hydraulic's, All Run Good.
From **$4,500**



(5) John Deere Unstyled "B"'s, Various Conditions.
From **$1,200**

HOURS:
Mon.-Fri. 7:30 To 5:00
Saturday 7:30 To Noon

WENGERS INC.
251 SOUTH RACE STREET, MYERSTOWN, PA 17067
717-866-2130 (Days) Or 717-866-7147 (After 5:30 P.M.)

IH 1086
8 sp., runs well,
outlets twin shafts
$6,500 Coming In
301-838-9091

LOST CREEK IMPLEMENT

Rt 35 Oakland Mills, PA 17076
Between McAlisterville & Mifflintown
717-463-3511 463-2161

JOHN DEERE

COMBINES

Interest Free Financing
On All Used Combines
Until January 1, 1991

'79 JD 4400 diesel, rotary screen, ex. condition...Coming In
'85 JD 6620 Side Hill Titan II, very good condition
JD 4420 combine, 1,250 hrs...Coming In
'89 JD 9500 Maximizer, 547 hrs., like new
JD 6600 Level Land, diesel, hydro, good
MF 760 w/6 row corn head, 15' platform, very good, $15,500
(2) MF 410 w/cab, platform, $2,500 each
MF 510, cab, dsl., platform, $3,500
NH 1400 combine w/13' platform & 3RN head, 1,740 hrs., excellent condition
NH 975 w/platform, cab, $2,500
AC L combine w/4RW & 6RN corn head & platform
MF 44 corn head, $1,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, good condition

TRACTORS

JD 4040, 90 h.p., QR, very good
JD 2440 60 h.p. reverser trans. w 146 loader, very good SOLD
JD 2010, WF, Good...Coming In
JD 1 MFWD, 350 hrs., excellent SOLD
JD 755, hydro, MFWD, 100 hrs.
JD 850, MFWD, 400 hrs , like new
JD 40, 3 pt., good cond , $2,500
JD A, $1,200
JD B
IH Farmall B, $800
Farmall H w Blade, Good
IH 856, 100 h.p., cab, 20 8x38 tires, excellent
IH 574 diesel, RG excellent condition
Ferguson 40, 3 pt., WF, overhauled.. $2,500

MISC.

JD 3960 forage harvester w pickup, 2 RW corn head, good condition
NH 310 baler w 70 thrower, excellent, ~~$5,500~~ $5,000
JD 347 baler w 30 thrower, very good
NH 483 haybine
(4) JD, NH, NI mower conditioners
12' Dunham Lehr, very good, $4,500
MF 3 Pt. Sickle Bar Mowers
JD 146 Loader

New H&S Forage
Wagons & Bale Wagons
In Stock

NEW COMBINES

JD 4435 hydro
JD 9400 maximizer
JD 9500 maximizer

NEW TRACTORS IN STOCK

45 h p 2155
55 h p 2355
85 h p 2955 w SGB
85 h p 2955, 4 post, RG
95 h p 3155, SGB MFWD
105 h p 4055 SGB, 2 whl
Special Financing

1 FARM EQUIPMENT

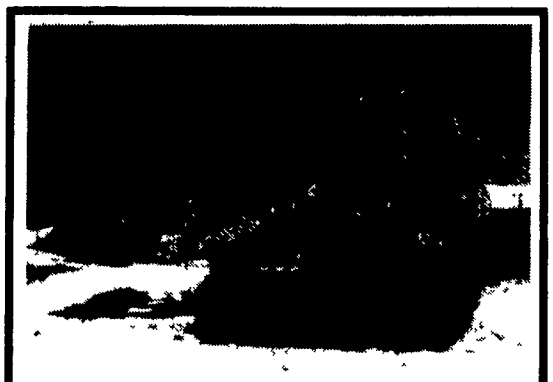
GUS FARM EQUIP. INC.
Route 616
Seven Valleys, PA
717-428-1967

NEW COMBINES
MF Model 5650 special price, demo

USED COMBINES
White 7300 w/flex head and grain head and corn for row corn, diesel engine $6,900
MF 760 V8 as is $2,895
MF 510 w/bean head $5,800

USED TRACTORS
JD 4020 $7,800
Hyster model 60 fork lift $5,800
IHC 460 diesel $2,850
IHC 560 gas tractor $3,450
AC 912 mower & tiller $2,995
Ford 8N $1,995
MF 1020 w/mower $5,800

MISCELLANEOUS
MF 126 7½ ' disc mower, new demo
Oliver 17 run superior drill
White no-till attachment $850
JD 780 10' self-propelled hay conditioner $1,295



Cat 951C
$9,500
301-833-9091

Madey Farms

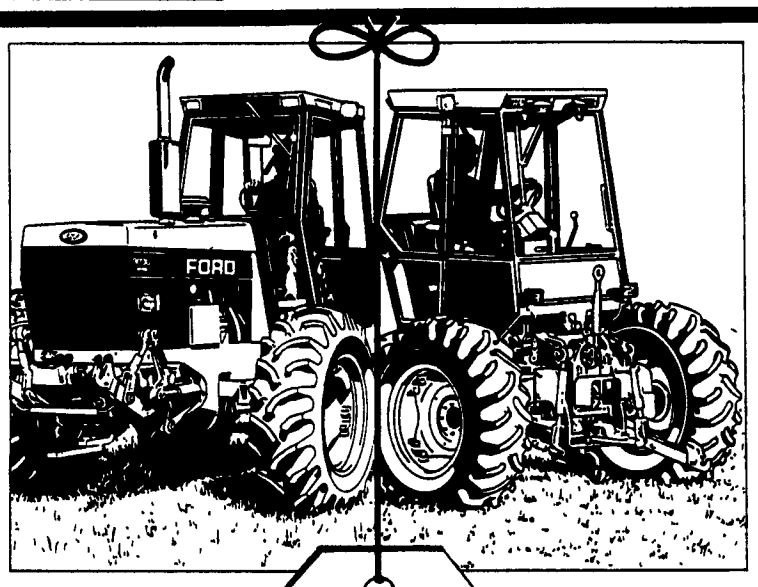
Windber, PA
814-467-8839
814-467-7085

NEW Belarus, 4WD	In Stock
White 4-150, 3 pt. PTO	$10,900
White 2-150, Solid	$7,500
AC 7580, 24x30 Tires	$15,500
IH 1566, 1976 model	$7,900
IH 1466 w/cab	$7,800
JD 4620 w/cab	$7,800
Case 970, solid	$5,800

Engine Parts Gaskets
Cylinder Heads
Rebuilt or Exchange
Engine Rebuilding
Spring Garden Repair
RD 1, Box 204
Kinzer, PA 17535

- **Combine 1989 Case IH 1680 XPE, dual wheels, speciality rotor, 4 WD, 314 hrs. w/3 yr. warranty.**
- **1020 Case IH 25' flex head**
- **1083 Case IH 8-30" corn head**

(301) 778-0408 days
(301) 778-4921
evenings



Demo 276 Versatile *In Stock!*

Buy one, get one Free

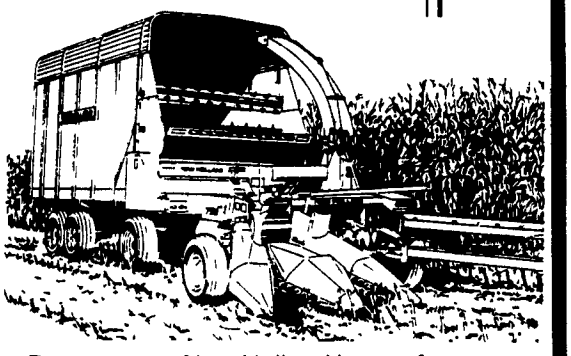
CALL FOR SPECIAL PRICE!

When you purchase a Ford Versatile® Model 9030 Bidirectional™ tractor, it's like getting two tractors for the price of one.® Here's why.

The 100 PTO horsepower "9030" lets you double-up on jobs, because it pushes and pulls implements at the same time. For instance, with PTO and three point hitch at both ends, you can cut work time in half by tilling and planting, cultivating and spraying, or pushing and pulling mower-conditioners, at the same time. Or, how about a snow thrower at one end and a scraper or loader on the other? That's productivity. That's the "9030" Bidirectional.

0% A.P.R. FOR 18 MONTHS

Ford FORD NEW HOLLAND



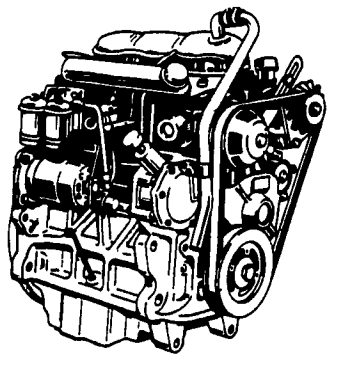
Buy any new New Holland hay or forage equipment now and pay **no interest** for 18 months. Other low A.P.R.'s available for longer terms.

But hurry! This offer ends November 30, 1990. Available exclusively through Ford Credit for qualified buyers.

Ford Credit

Hardware HEADQUARTERS

GRADE 5 CAPSCREWS, NUTS, LOCK WASHERS, FLAT WASHERS - GRADE 2 CARRIAGE BOLTS 99¢/Lb.



REBUILT FORD ENGINE
145 HP, 363 cid, 6 Cylinder Diesel With Turbo
$3,250

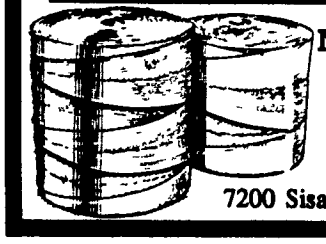
NEW FORD ENGINE - 62 HP, 201 cid, 3 Cylinder diesel With Headland Pistons Reg. $3,663.95 **$3,395**

2 GALLONS OF GEAR LUBE-
$8.95 Reg. $11.95

2 GALLONS OF ENGINE OIL
$8.95 Reg. $10.75

PRE-SEASON Values
HARVESTER PARTS 10% OFF

9" SILO PIPE
6' Section..... $23.95
Adjustable Section..... $25.95



NEW HOLLAND TWINE
20,000 Plastic - **$22.50/Bale**
7200 Sisal-**$20.50/Bale**

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VH4D 30 hp..... **Special $1,695**
EB 5000 Honda Generator..... **$1,530**

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Wisconsin Replacement Engines

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3141 Old Phila. Pike, Bird-In-Hand, PA 17505 (717) 768-3729
HOURS: Mon.-Fri. 7 AM - 5 PM; Sat. 8 AM - 11 AM

NEW EQUIPMENT
Deutz Allis 6260 2 WD w/Loader
Deutz Allis 7085 AWD w/cab
Deutz Allis Disc 12'2" & 13'6"
GP 2.50 Round Baler
500 Gal. (Cagle) Sprayer
750 Gal. (Cagle) Sprayer

USED EQUIPMENT
36' Bale elevator w/motor
AC M Combine w/430 Corn Head & 13' Grain Head w/Flex Attachment
Feed wagon w/scales
6080 AC tractor
IH 800 4 RW planter
AC 5020 4WD w/loader

Artsway *Silamix* Feed Wagon In Stock Now. Call For Special Price

COMPARE OUR PRICES ON WOODS MOWERS

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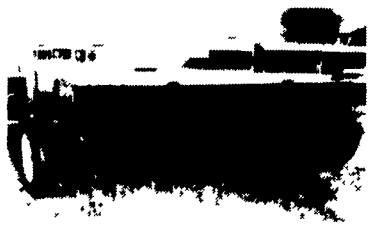
NEW EQUIPMENT SPECIALS
Hesston 1150 12' Windrower
Kuhn FC300 10' Disc Conditioner

USED EQUIPMENT
Fox Super E, Hydro, 3R Head, Harvester
Oliver 66 w/Ldr.
JD 716 Tandem Forage Wagon
718 Briggs Grasshopper 100 Hrs.
MF 1135 Cab & Duals
Goosen Stationary Bale Chopper
NH 271 Baler w/Thrower
Hesston 1160 14' Hydroswing
Hesston 1014 14' Hydroswing
Kuhn GMD 66 Disc Mower
250 Bu. Bin Wagon, Like New

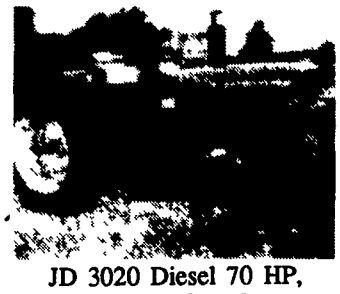
STOLTZFUS FARM SERVICE
Cochranville, PA 215-593-2407

BARGAIN HUNTER VALUES

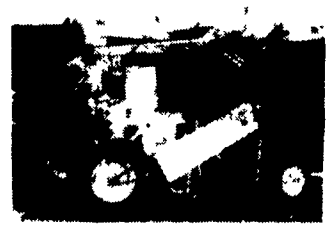
Track Down BIG BUYS ON QUALITY Used Equipment



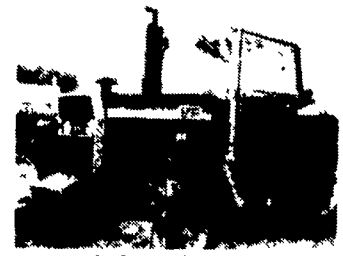
IH 510 Grain Drill 21x7
12 ft., Double Disk Openers,
Grass Seed Attachment
$3,750



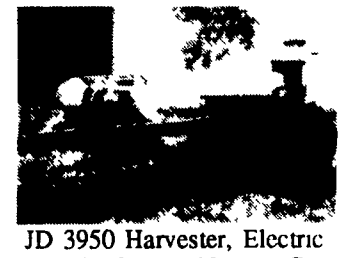
JD 3020 Diesel 70 HP,
Late Model, One Owner,
Clean, Very Good Condition



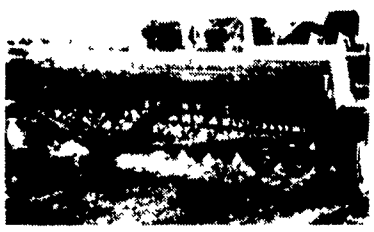
Marliss 14 Ft. No Till
Grain Drill With Grass Seed
Good Condition



MF 2705 120HP, Power
Shift, Full Cab, 900 Hours,
Very Good Condition



JD 3950 Harvester, Electric
Controls, 2 Row Narrow Corn
Head and Hay Pickup, Good
Condition, Ready To Go



JD 8200 Grain Drill, Plain
Grain, Double Disk Openers
w/Grass Seed Attachment
Very Good Condition

JD 2940 Tractor
80 HP MFWD

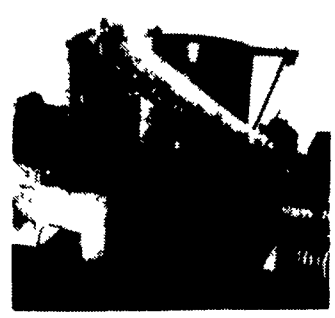
NH 315 Baler With
Belt Thrower
$5,900

New Holland L452
30 HP Gas, Hydrostatic,
1100 Hours
$8,200

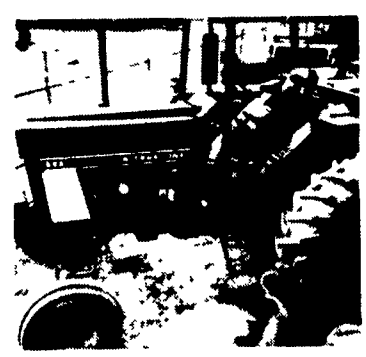
JD 335 Round Baler,
Very Clean, Ready To Go

IH 986 Tractor, 105 HP,
New Rear Rubber,
Good Condition

New Idea 486 Round Baler
Makes 5'x6' Bales
$4,900 Good Condition



NH 355 Grinder Mixer 100
Bu., Hydraulic Drive,
Electronic Scales,
Good Condition



IH 886 86 HP, 4 Post
Very Good Condition

NH 1495 Self Propelled
12 Ft. Partial Cab, Gas,
Hydrostatic
$11,900

USED EQUIPMENT

Spreaders
IH 550 Spreader
NH 512 Spreader $1,600
NH 308 Spreader, Mounted On A Truck $13,000

Tillage
Brillion 24 Ft. Folding Packer $4,500
IH 2 Bottom Plow
IH 5½ Ft. Disk Harrow
IH 18 Ft. Field Cultivator
JD 950 Roller Harrow 15 Ft.
AC 3 Bottom Plow $475
JD F-125 3 Bottom Plow 16" Bottom

Skid Steer Loaders
L-775 Deutz Diesel
L-785 Perkins Diesels
NH 445 31 HP Deutz Diesel $7,900

Rakes
Kuhnflex KF4
NH 56 8½ Ft.

Backhoe
Bradco 9HD Fits New Holland 500 Series Loaders
NH Model B-134 Fits NH 700 Series Loaders

Sprayers
Hardi TR500 500 Gal. Electric Controls, 45 Ft. Boom $3,900
Century 500 Gal. Electric Controls, 40 Ft. Boom And Foam Marker, 1 Year Old, $3,900
Hardi 42 Ft. Self-Stablizing Boom $750

Grain Drill
JD 8800 18x7 10 ft. Grain Drill, Single Disks $3500 (Coming In)

Loaders
JD 148 Loader With Independent Valve - Fits 4020 Tractor
JD 175 Loader

Harvesters
NH 770 W/2 Row Cornhead
NH 892 With Met Alert, Electric Controls And 824 2 Row Corn Head $8,900
NH 718 Harvester With 2 Row Narrow Corn Head & Hay Pickup
NI 323 Corn Picker, 1 Row

Planters
JD 7100 Toolbar, 4 Row w/Dry Fertilizer Attachment
Ford 3 Pt., 2 Row
IH 400 Air Planter 6 Row Narrow, Good Condition
JD 7000 4 Row Wide Planter, $4,500
JD 7000 Conservation 4 Row Narrow (Planted Only 50 Acres)

Mowers
NH 451 Sickle Bar, 7 Ft.
NH 442 4 Disk, Disk Mower, 5 Ft. 3 In. Cut $1,950

Mower Conditioners
Kuhn FC300GC Disk Mower Conditioner 10 Ft. Cut (Coming In)
NH 489 Mower Conditioner $3900, Good Condition
NH 488 9 Ft.
NH 489 9 Ft. $4,500
NH 469 9 Ft. $1,750
NH 495 12' Cut $2,900

Tractors
Kubota L2550 28 HP Diesel, MFWD With New Loader $9,250
Farmall 400 Gas
Ford 4000 45 HP Diesel, $3,950
Ford 601 w/Loader
JD 401 Industrial Diesel 60 HP w/Reverse Trans. $5,900
JD 3020, Gas, 70 HP
Ford 9N Gas
JD 410 Laoder, Backhoe $16,900
Ford 6610 72 HP, Low Hours, With Cab $14,900
JD 4000 Diesel 95 HP
JD 2520 Gas 55 HP
JD 2350 Tractor 55 HP, 1100 Hours (Coming In)
AC D-14 Tractor 30 HP, Gas $1900
Ford 9600 130 HP, Diesel With Cab $8,900 (Coming In)
JD 4250 MFWD, Power Shift, 120 HP, 200 Hours, Like New (Coming In)
Case 2090 110 HP, Full Cab, 1300 Hours (Coming In)

Balers
NH 315 Baler w/70 Thrower $6,500
NH 316 Baler w/75 Ejector $7,500
Vermerr 504F Round Baler
NH 273 Baler $3,000
JD 336 Baler & Thrower
NH 276 Baler w/Thrower
NH 272 Engine Baler
NH 310 Engine Baler
NH 320 Baler $4,500
NH 272 Baler w/Thrower $1,900
NH 846 Round Baler w/Auto Wrap $5,900
NH 273 Baler w/53 Thrower (Coming In)
NH 275 w/53A Thrower

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Mon.-Fri. 7:30 AM to 5:30 PM
Sat. 7:30 AM to Noon
100th 1890 ANNIVERSARY 1990
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FOR SALE- Prices Reduced

JD 8300 grain drill 18x7, excellent.....*$ 2,900*
JD 8350 grain drill 18x7, excellent.....*$ 2,900*
NH 1495 self propelled haybine.....*$11,500*
NH 310 baler w/thrower.....*$ 3,300*

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We Ship Parts U.P.S.

NEW HOLLAND AUGER BASE CORN HEAD

4RN, fits 1880, 1890 and 1895. Would like to trade on 3 row head. Also 919 W4 geass pickup, $750.

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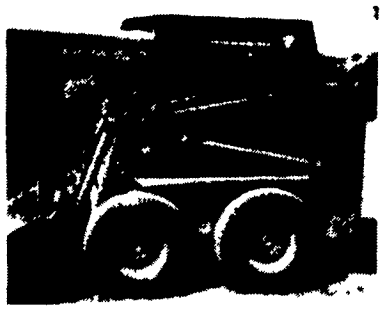
New Floors, Sides Or Tails For NH, Gehl, IH, Dion Or Other Makes- Original Patterns, Top Quality Parts, Reasonable Prices. By Former Forage Wagon Marker For NH, Gehl, IH, JD.

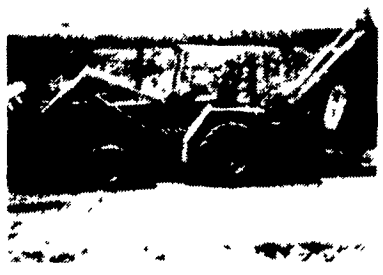
Call 717-944-2975
For Service

QUIT FARMING

AC Gleaner G diesel combine corn soybean special. Clean, sharp, one of a kind, 4 row W corn, 13' floating grain, gear drive, grain saver & much more

$14,750 Or Best Cash Offer
Used On A Small York Co. Farm
BILL MCKINLEY (717) 244-8304





Case 1845 diesel, overhauled motor, new paint $7,000

JD 410, good condition, new paint $10,500

JD 450C, 6 way, fresh engine, good condition, $12,000
JD 450B crawler/loader, $12,000
(2) JD 450 crawler/loader, $10,500 choice
IH 100C crawler/loader backhoe, needs motor work, $7,500
JD 310A backhoe, $12,500
JD 400 backhoe, $8,500
Gehl 4500 gas skid loader, $3,000
(2) backhoe attachments JD 9300 for crawlers, $2,800 for choice
AC 600 roughterrain forklift 5,000#, 21' side shift $7,500

(717) 859-3283

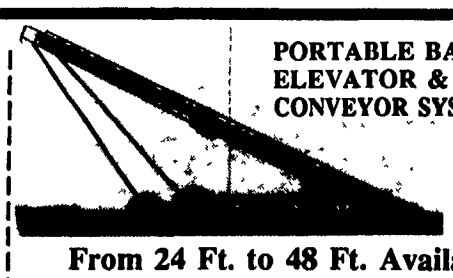
WISCONSIN ENGINES SALES & SERVICE

USED TRACTORS

JD 730 Diesel, DS, 3 Pt. Hitch	$3,450
IH 806	$6,200
IH 806	$5,500
AC XT190	$5,300
AC 180	$4,900
AC D19 (Engine Rebuilt)	$3,700
Farmall 560 Wide Front	$4,250
Ferguson 30	$1,950
IH 966	$8,100

USED EQUIPMENT

NI 325 2 Row N Compicker	$5,200
"NEW" NI 323 Corn Picker	$4,900
11 Ft. Brillion Cultipacker	$800
NH 472 Haybine, Nice	$4,200
Gehl 600 Harvester w/Table	$2,850
NH 456 Mower	$1,450
NH 402 Crimper	$1,000
NH 56 Rake	$1,275
JD KBA Disk w/New Blades	$800
JD Rotary Hoe	$900
10 Ft. Brillion Packer Seeder	$2,200
Gehl HA900 Hay Pickup Head Ex. Cond.	$700



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AVCO VM Diesel

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1 Mile North of Bird In Hand
8 Miles East of Lancaster
RD 1, Bird In Hand, PA
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FOR SALE OR TRADE

COMBINES:
1983 John Deere 6620 Side Hill w/1400 hours
1977 John Deere 6600 Diesel Hydro w/404 motor
1977 John Deere 4400 Diesel
1979 Int. 1440, NICE!
1976 Int. 715 Diesel Hydro
2 - 1974 Int. 715 gas w/800 series feederhouse
1979 Gleaner F2 diesel
1978 Gleaner K2 gas w/chopper
2-1978 White 8700 diesel
1979 Massey Ferguson 550, Hydro w/1550 Hours

CORN HEADS:
Int. 943; 834; 844 & 843
New Massey Ferguson 9113 & 9013 Rigid
Massey Ferguson 9116
Massey Ferguson 1163; 1143; 43; 44 & 24
Massey Ferguson 1859 15' Thru 18' long snout w/heavy duty box
Gleaner A238; A330; A430; A436; A438; A630 Pin Stripe; FG438 & KF330
White 706N
2-White 15' Kwik Cut
New Holland 974N6; 962N6; 962N3; & 962W6
John Deere 643 low Tin; 443 & 444 Oil Bath; 443; 343; 244 & 444
John Deere 918 Flex Head
John Deere 213; 215; 216; 218 & 220 Flex
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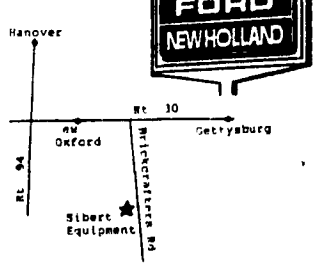

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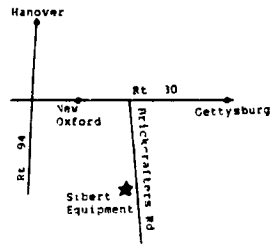

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AC WD	JD 4430, ROPS	Oliver 550
White 2-135	JD 8650	Case 2590
FD 3000	JD 4440	Case 990 w/#60 Loader
IH 1486	JD 4840	ST Panther II
IH 460	MF 2675	ST 251
IH 986 w/Loader	MF 20, Gas	ST PT225
IH 574 w/Loader	MF 1135	ST 251
IH 584	* Oliver 77	Farmall H
IH 966	Oliver 1850	Farmall F20

DISCS

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IH 490, 22'	IH 496, 22'	SF 24'

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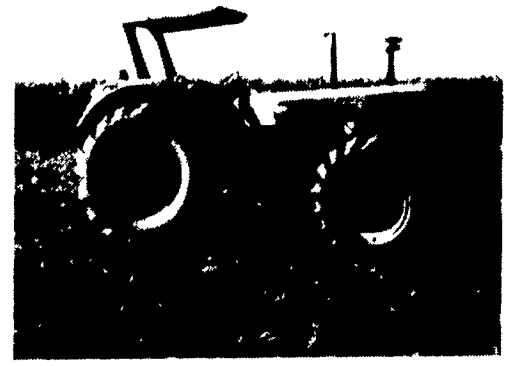

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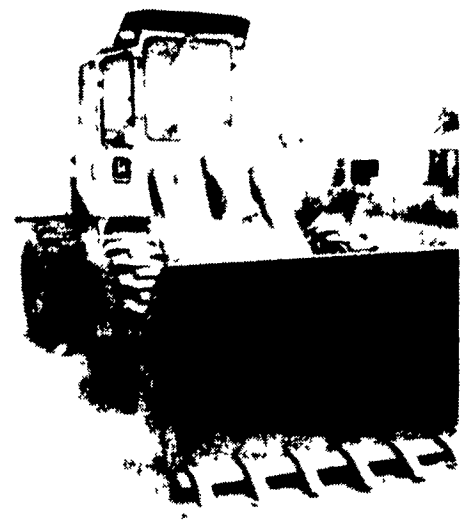

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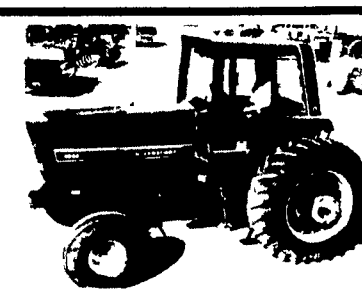
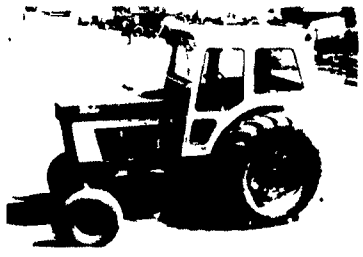
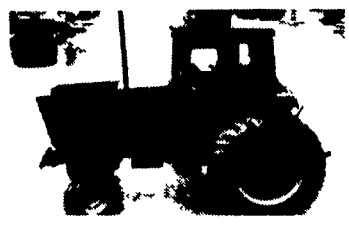
IH 706 Tractor, Narrow Front, Gas, 18.4x34 Tires (W4312)



IH 5088 Tractor, 6 Cylinder Diesel With Turbo (W4601)

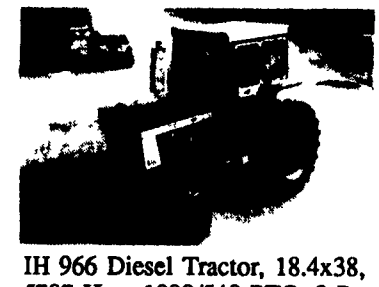


IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038)



IH Model 3488, 6 Cyl. Diesel, Hydro, 540/1000 PTO, 3 Pt. Hitch, 3 Rear Remotes, 18.4x38 Tires (W5222)

IH 1086 Diesel, 5323 Hrs., 1000/540 PTO, 3 Pt. Hitch, 20.8x38 Tires, 2 Remotes (W5072)



IH 966 Diesel Tractor, 18.4x38, 5787 Hrs., 1000/540 PTO, 3 Pt. Hitch, 2 Remotes (W4945)

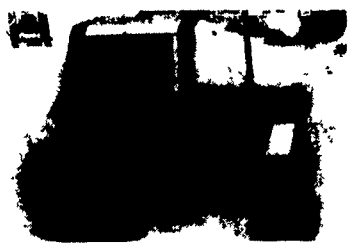
IH 5088 Tractor, 6 Cylinder Diesel, With Turbo (W4884)

AC Model CA Tractor, 2 BT Plow, 6' Sickle Bar Mower, (W5175)

IH 966 Tractor Diesel, 8784 Hrs., 18.4x38 Tires (W5109)

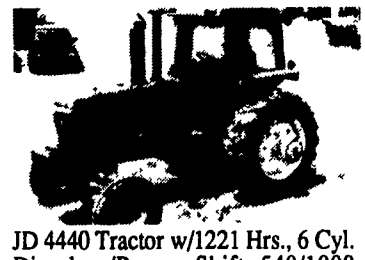
IH 884 Tractor Yr. 1981, 2437 Hr., 4 Cyl. Diesel, 3 Pt. Hitch, 540/1000 PTO 14.9x38 Tires (W4485)

IH 1086 Tractor w/2520 Hrs., 6 Cyl. Diesel w/Turbo, 540/1000 PTO 2 Remotes, 3 Pt. Hitch, Cat III 20.8x38 Tires, Has Duals (W5305)

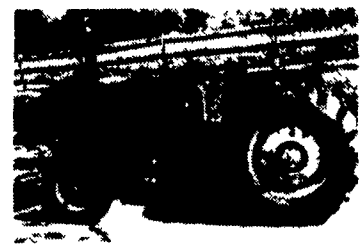


IH F1086 Diesel, Gear, TA, 18.4x38, New Tires, 3600 HRS. (W3500)

IH 1086 Tractor w/3400 Hrs., 2 Remotes, 540/1000 PTO, 3 Pt. Hitch, 20.8x38 Tires (W5103)



JD 4440 Tractor w/1221 Hrs., 6 Cyl. Diesel w/Power Shift 540/1000 PTO, 3 Pt. Hitch, 2 Rear Remotes, 20.8x38 Tires (GY) JD Duals, Hub Mt. Cab w/AC/Heat/Radio (W5208)

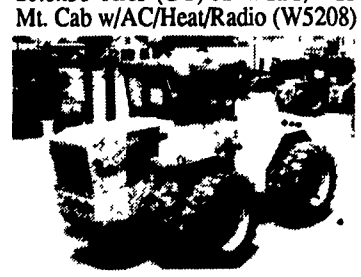


JD 2010 4 Cyl. Gas Tractor, 3 Pt. Hitch, 1 Remote, New Tires 14.9x28 (W5281)

JD 8650 Tractor w/3200 Hrs. Yr. 1983 Quad Trans. 3 Pt. Hitch, 1000 PTO 20.8x38 Tires, AM/FM Radio (W5261)

IH 986 With 3399 Hrs., 3 Pt. Hitch, 18.4x38 Tires, 1000/540 PTO (W5089)

Steiger ST210 Tractor, 210 HP Cat, Yr. 1976, 1389 Hr., 18.4x34 Tires (W5102)



Steiger ST300 Tractor, 300 HP Cat, 3900 Hr. 20.8x34 Tires (W5087)

JD 8430 Tractor, Yr. 1977 3527 Hr., 6 Cyl. Diesel Eng. w/Turbo 1000 PTO, 3 Pt, Hitch w/Qu. Att III, 30.5x32 Tires, Cab w/AC, Heater, AM/FM (W5084)

IH Model 3200 Skid Loader, 53" Bucket (W4824)

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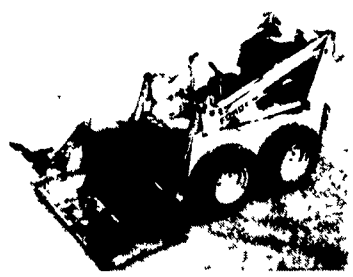
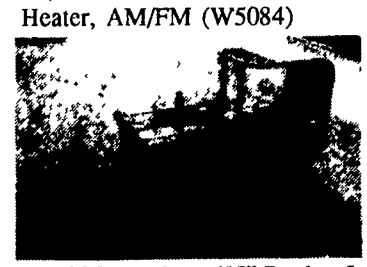
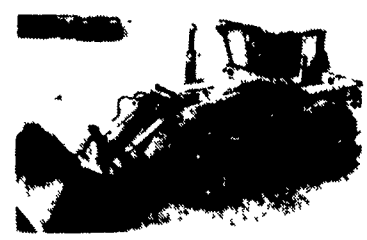


Ford CL-30 Skid Loader, 30 HP, Wisconsin Engine (W4585)

Case 1816C Skid Loader w/44" Utility Bucket, 150 Hours (W4949)



IH 500C Loader w/65" Bucket 3 Cyl. Diesel Eng. w/1408 Hr. Rebuilt Steering Clutches (W4885)



IH Model 3514 Ind. Tractor w/ Loader, 75" Bucket, 4 Cyl. Diesel, Hydro Yr. 1968, 2500 Hr. (W4936)

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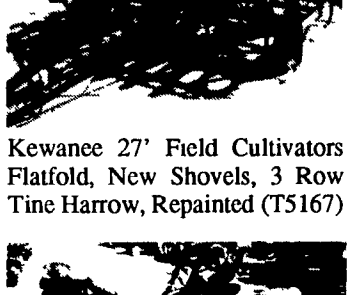
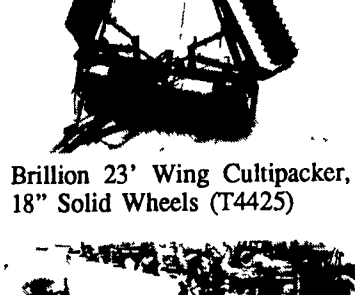
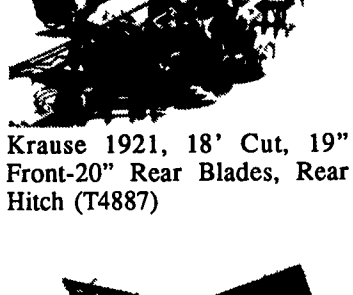


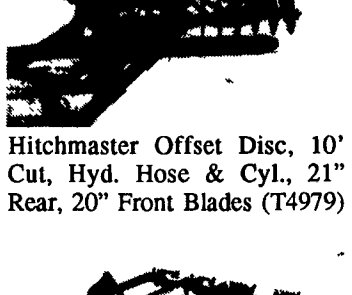
Kewanee 27' Field Cultivators Flatfold, New Shovels, 3 Row Tine Harrow, Repainted (T5167)



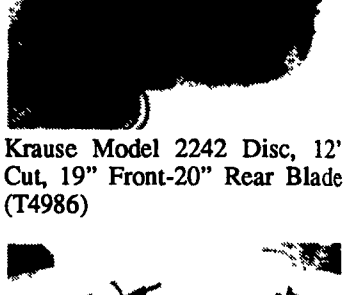
Brillion 23' Wing Cultipacker, 18" Solid Wheels (T4425)



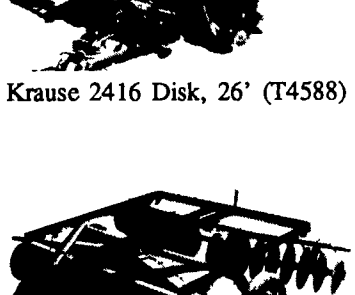
Krause 1921, 18' Cut, 19" Front-20" Rear Blades, Rear Hitch (T4887)



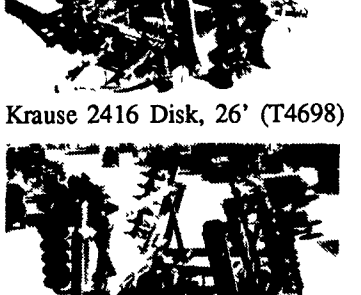
Hitchmaster Offset Disc, 10' Cut, Hyd. Hose & Cyl., 21" Rear, 20" Front Blades (T4979)



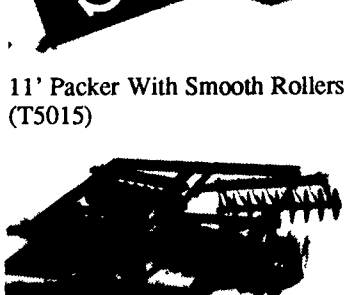
Krause Model 2242 Disc, 12' Cut, 19" Front-20" Rear Blade (T4986)



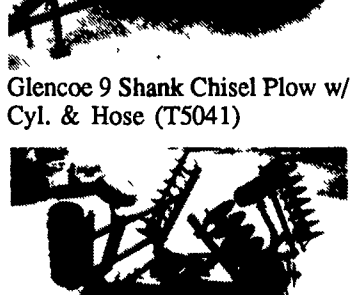
Krause 2416 Disc, 26' (T4588)



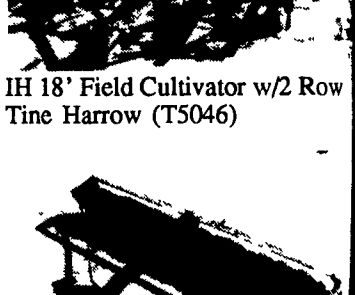
Krause 2416 Disc, 26' (T4698)



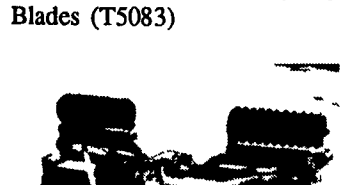
11' Packer With Smooth Rollers (T5015)



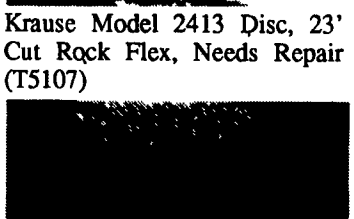
Glencoe 9 Shank Chisel Plow w/ Cyl. & Hose (T5041)



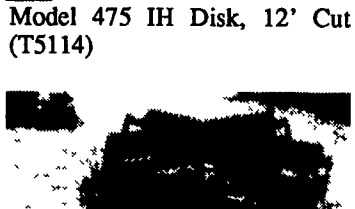
IH 18' Field Cultivator w/2 Row Tine Harrow (T5046)



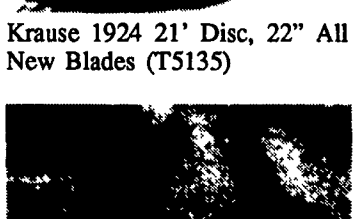
IH Model 370 Disk With 19" Blades (T5083)



Krause Model 2413 Disc, 23' Cut Rock Flex, Needs Repair (T5107)



Model 475 IH Disk, 12' Cut (T5114)

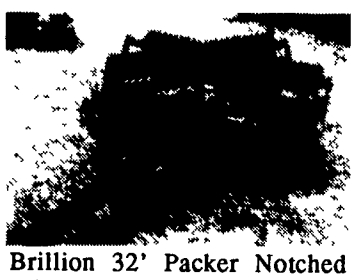


Krause 1924 21' Disc, 22" All New Blades (T5135)

Brillion 10' Packer (T5218)

Dunham 22' Packer, Hyd. Fold, 18" Knotched Wheels, Dual Wheels (T5143)

IH 710 Plow 6-16" Coulters, Spring Trip Bottoms (T3699)



Brillion 32' Packer Notched Wheels (T5255)

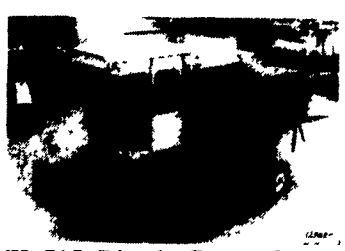
Brillion 25' packer w/Crowfeet Wheels, Has Cyl. & Hose (T5142)

Miller 14' Offset Disc, FT 9" 24' Dia, RR 10" 19 Dia. (T4486)

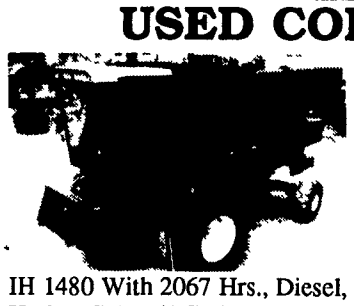
Krause 1924 Disc, Rock Flex, 21' 9" Sp. 18" Blades (T5319)

Rhino F90 Disc, 21' Cut, Spacing 9" Ft. 7½ RR, Blades 71½ Ft. 21" RR (T5271)

USED COMBINES



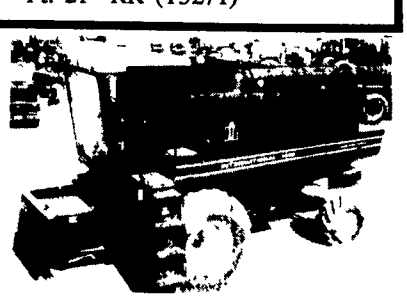
IH 715 Diesel, Gear, 18.4x26 Tires (U3080)



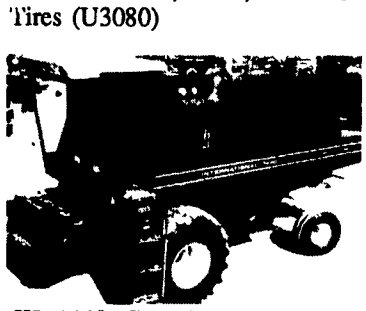
IH 1480 With 2067 Hrs., Diesel, Hydro, Cab w/AC, Auto Header Control (U5082)

Case IH 1640 w/689 Hr. (1986 Cummins Eng. 6 Cyl. Diesel w Turbo 24.5x32 Tires (U5100)

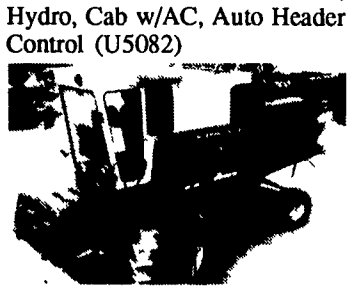
IH 1660 Combine With 1505 Hours 30.5x32, 18.4x16.1 Tires, Cab w/A/C, Radio, Feeder-Reverser, Specialty Rotor (U4848)



1984 IH 1460 Combine 24.5x32, 18.4x16.1 Tires, Chopper, Feeder-Reverser, Stone Trap (U4630)



IH 1440 Combine With 2760 Hours 28Lx26, 11.00x16 Tires, Auto Header Control, AC/Htr. (U4817)



Int. 815 Combine, Diesel Engine, 6 Cylinder, 23.1x26 Tires, Fan Alarm Monitor (U4998)

IH 915 w/3132 Hrs., Diesel w Turbo, Hydro Trans., Has Stra Chopper (U4851)

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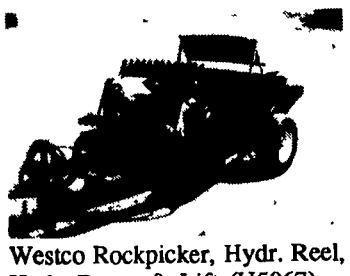
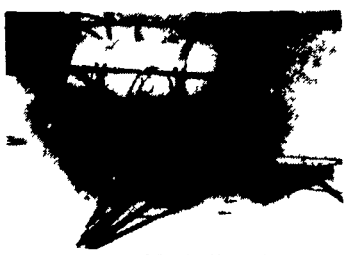
Great Plains Drill Hitch, Pull Type (V4330)



Westco Rockpicker, Hydr. Reel, Hydr. Dump & Lift (U5067)



John Blue 300 Gallon Sprayer, 30' Boom, Ground Drive Pump, PTO, Pump-Agitation (V4123)

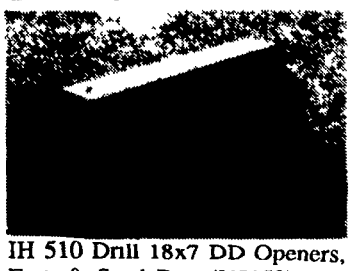
Century 500 Gallon Sprayer, 35' Boom, PTO Centrifugal Pump (V3361)

Int. Model 1700 Grain Truck, Midwest Dump Body, Eng. Rebuilt 10,000 Mile Ago, 5 Speed, Gross Wt. 26,000# (V5168)

USED DRILLS & PLANTERS

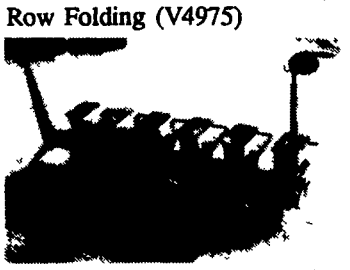
IH 5100 Drill, 21x7 DD With G. Seed (V4567)

JD 7000 Planter With Markers, 8 Row Folding (V4975)

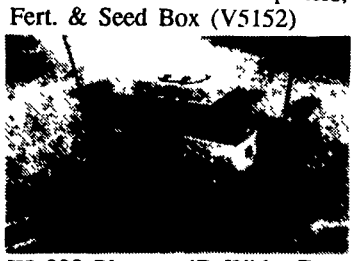


IH 510 Drill 18x7 DD Openers, Fert. & Seed Box (V5152)

IH 5100 Drill, 21x7, Stainless Steel Attach., Single Disk, Fertilizer Compartment (V4955)

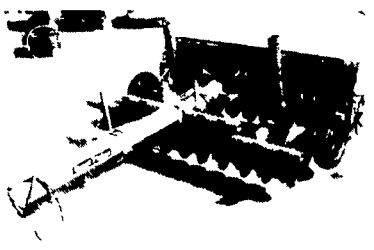


JD 7000 Planter Conservation Disc, Seed Monitor (V5200)

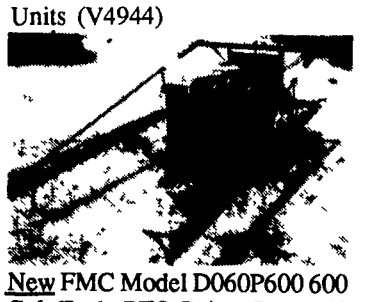


IH 800 Planter, 4R Wide, Fert. Attachment W/Cross Auger, Seed Monitor & Insecticide Units (V4944)

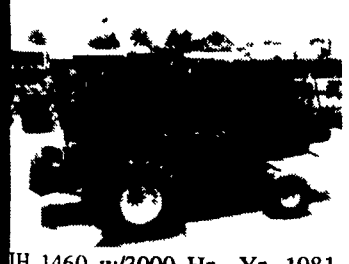
White 5400 Air Planter, 6 Row - 30" No-Till, Monitor (V3676)



Great Plains 12' No-Till Drill (V4607)

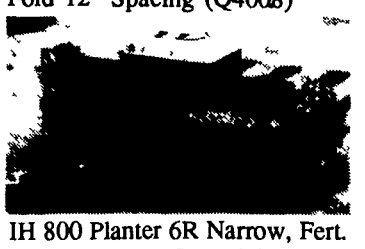


New FMC Model D060P600 600 Gal. Tank, PTO Drive, Pump 60 GPM (Piston) Boom 84' Hyd. Fold 12" Spacing (Q4008)

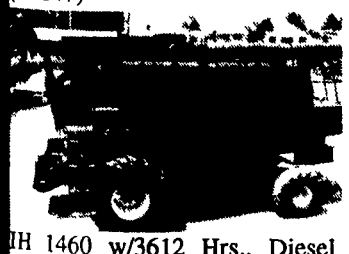


IH 1460 w/3000 Hr., Yr. 1981 Diesel, Hydro 30.5x32 Tires (U4847)

Krause 5210 No-Till Drill, 10' 7" Spacing (V4545)

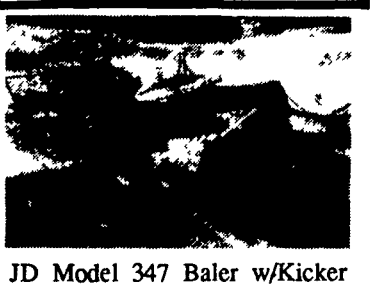


IH 800 Planter 6R Narrow, Fert. w/Cross Auger, Insecticide Hoppers (V5035)



IH 1460 w/3612 Hrs., Diesel Eng. w/Turbo, Hydro 28Lx26 Tires, Field Ready, Yr. 1980 (U4801)

IH 1440 w/3222 Hrs., Yr. 1979, 6 Cyl. Diesel, Hydro 28Lx26 Tires (U4954)



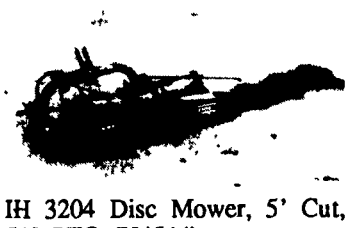
JD Model 347 Baler w/Kicker (U5367)

BALERS, PICKERS & HAY EQUIPMENT

Fox Blower, 54" (U3955)

NH Model 315 Baler With Bale Chute (U5178)

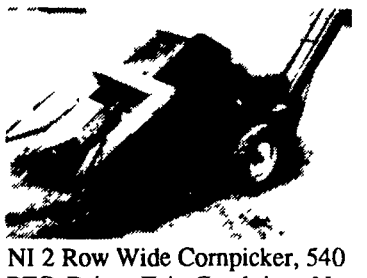
Fox Model 656 Blower (U4281)



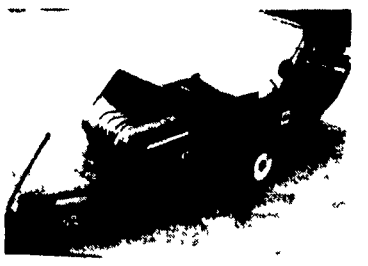
IH 3204 Disc Mower, 5' Cut, 540 PTO (U4544)

NH Model 28 Blower, Like New (U5225)

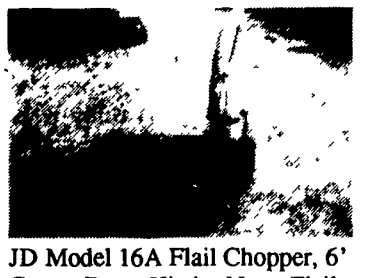
Model 1310 Rhino Model 13', 1000 PRM/PTO, Cyl. (U4740)



NI 2 Row Wide Cornpicker, 540 PTO Drive, Fair Condition, No Cyl. Or Hyd. Hose (U4743)



Model 47 IH Baler With #10 Thrower (U4491)



JD Model 16A Flail Chopper, 6' Cut w/Rear Hitch, New Flails (U5192)

NH Model 847 Round Baler, 540 PTO, Cyl. & Hose (U4987)

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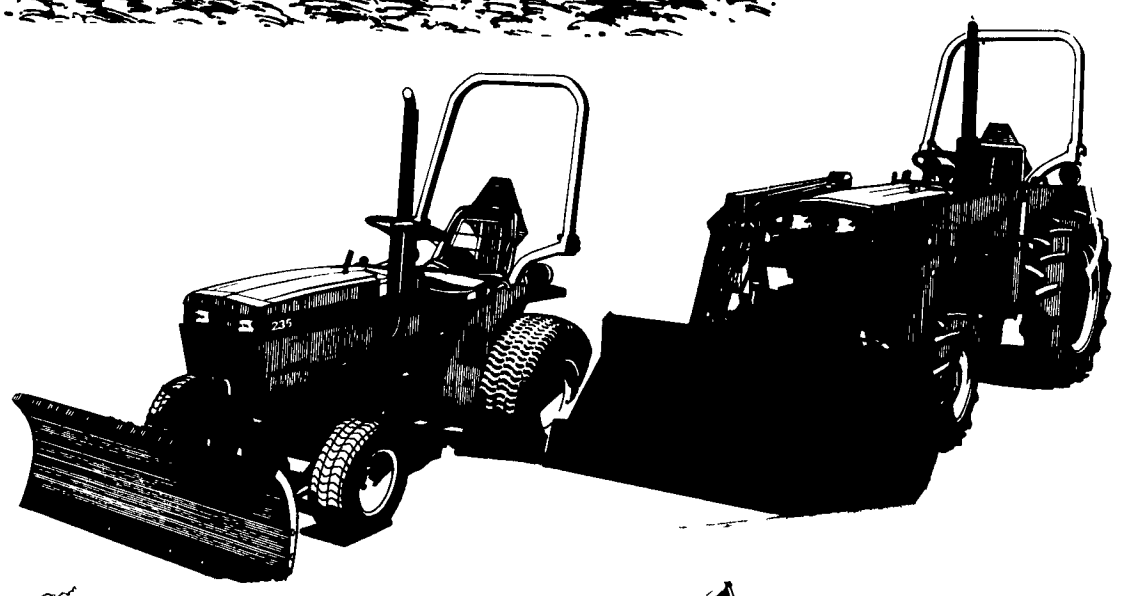

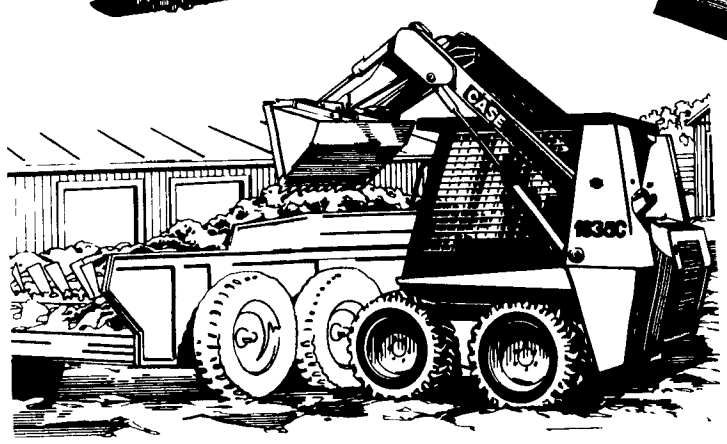

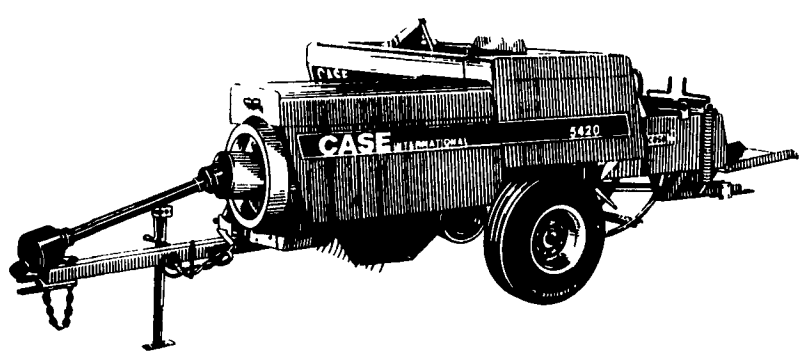

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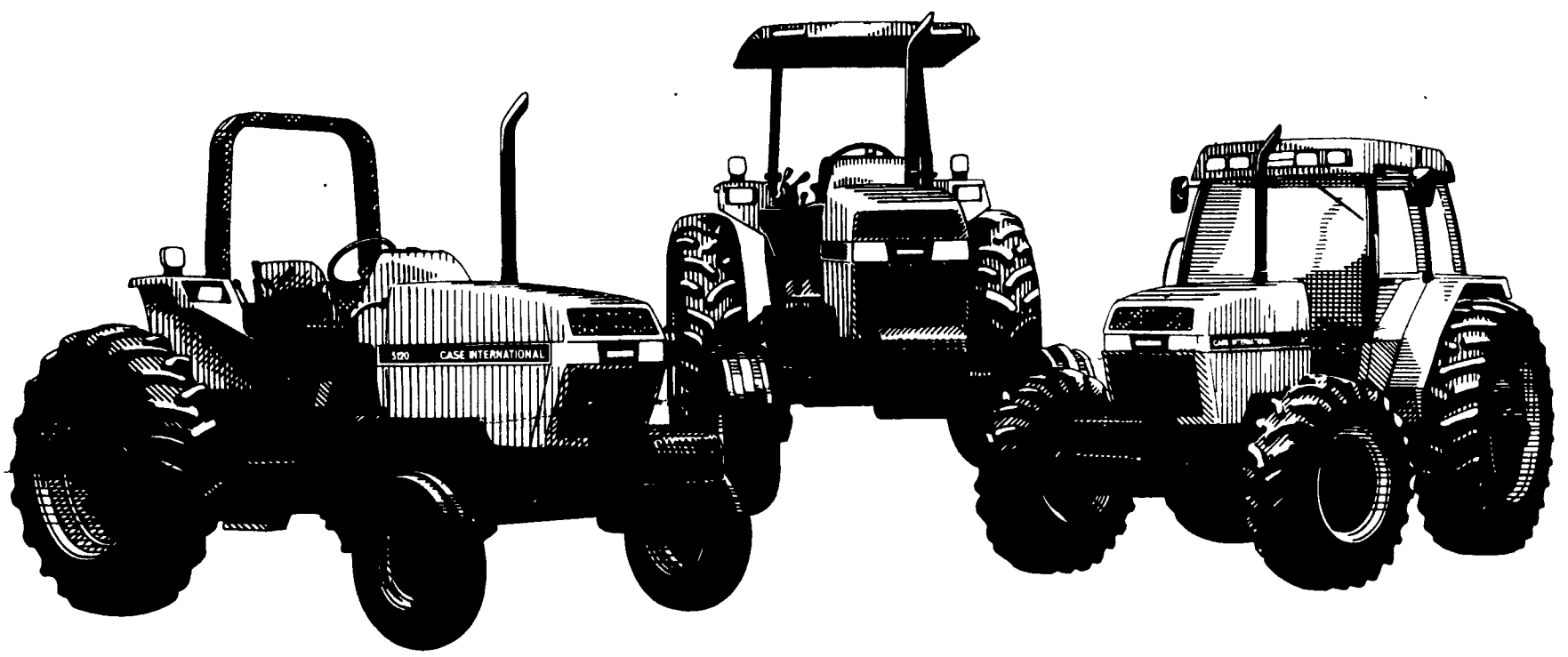

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GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 215-965-5203

TRACTORS

JD 4450 Cab & Air, QR, Very Nice
JD 4430 Dsl., Cab, Air, Quad, High Back Seat, Triple Hydraulics
JD 4250 Dsl., Cab & Air, 15 Spd., Power Shift, Excellent Condition
JD 4240, Cab, Air, Quad, 2800 Hrs., Very Nice
JD 4040 Dsl., Power Shift, Fender Tractor, Very Nice SOLD
JD 4040 [SOLD]nder Tractor, QR
JD 3020 Dsl. Side Console WF, Syncro Range
1975 IH 1066 Dsl., Cab & Air, All Orig., One Owner, Excel. Cond.
IH 5288 Cab & Air, 20.8x38 Radials, Weights, Excellent
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1066 Dsl., Hydro w/Cab Dual Hyd., Dual PTO, Very Clean
IH 986 Dsl., Cab & Air, 38" Rubber
IH 686 Dsl., WF, Dual Hyd., Very Nice
1981 AC 7020 Dsl., Cab, Air, Power Shift, 800 Hrs., Like New
JD 2150 Dsl., Ind. PTO, 1600 Hrs., Very Nice

HAY EQUIPMENT

JD 5440 Self-Propelled Harvester, Cab, Air, 4WD, Very Nice
JD 3960 Harvester w/Electrical Controls, Choice of Heads, Very Good
JD 67[SOLD]ake, Rubber Teeth, Dolly Wheel, Excellent
JD 530 Round Baler, Very Good
JD 430 Round Baler, Excel. Cond.
JD 4[SOLD]N Forage Head
JD 336 Baler w/30 Ejector
JD 327T Baler, Excellent
JD 3[SOLD]vester, Exc. Cond.
NH 1037 Bale Wagon, Tandem Axle, 105 Bale Cap.
NH 1033 Bale Wagon, 105 Bale, Tandem Axle, Very Good
NH 1012 Bale Wagons 56 Bale Capacity
NH 849 Round Baler, Excellent
NH 770 Harvester w/2RN Cornhead
NH 770 Harvester w/2 Row Head and Pickup, 540 PTO, Electric Controls
NH 326 Baler w/or Without Thrower
NH 846 Round Baler, Very Nice
NH 851 Round Baler, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 75 Hyd. Bale Thrower
JD 3800 Harvester w/Choice of Heads, Elec. & Hyd. Controls, Very Nice
JD 35 Harvester w/Corn Head
Gehl High Throw Blower with Pipe

HAYBINES & MOWER CONDITIONERS
(11 To Choose From)

NH 499 Hydro Swing, Hydro Tilt, Very Nice
NH 495 12', Good Rolls
NH 469 9', Good Solid Machine
NH 472 7', Cut 50 Acres, Excellent
NH 477 7'
(2) JD 1209, Late Model, Very Good

QUALITY COMBINES
(Displayed Inside Building)

MF 750 Dsl., Cab & Air, Very Nice Machine
1976 JD 3300 Dsl., Cab & Air, EHHC, 880 Hrs., Excel. Cond.
1977 JD 6600 Dsl., Cab, Air, Hydro, Very Nice
1982 JD 6[SOLD]0 Dsl., Level Land, 1200 Hrs., Fully Equipped, Excellent Cond.
JD 4400 Dsl., Rotary Screen, Low Hrs., One Owner, Very Nice
O1981 JD 4420 Dsl., Cab & Air, 23" Rubber, Fully Equipped, Very Good
1976 JD 3[SOLD] Dsl., Cab & Air, Choice of Heads, Very Nice
MF 13' Rigid & Flex Platform
MF 1859 15' Flex Head, U-II Reel
IH 810 13' Grain Platform
JD 213, 215 & 216 Flex Head
IH 820 13' Flex Head
1988 JD 222 Flex Head, Cut 350 Acres, Excellent
Gleaner K w/Cab, Grain Saver, 10' Grain Table

CORN HEADS

1989 JD 443 Corn Head, Used On 50 Acres
JD 443 Oil Bath

JD 244, 2RW	IH 844, 4RW
JD 343, 3RN	IH 863, 6RN
JD 443, 4RN	MF 1143 Corn Head
JD 444, 4RW	MF 1163
JD 643, 6RN	AC 438 Black 4RW
IH 843 4RN	AC 430 4RN Corn Head

TILLAGE

JD 340 12' Offset Disc, Like New
JD 310 12' Double Offset Disc
Neimeyer 10' Power Harrow, Excel. Condition
IH 475 14' Disc Harrow
Hutchmaster 12' Offset Disc, Big Blade
Miller 11' Heavy Duty Offset Disc

CORN PICKERS

NI 327 Husking Bed to Fit 2R Pull Type
NI 325 2RN 12 Roll Bed, Late Model, Very Good
NI 324 2RW 12 Roll Husking Bed, Very Nice

PLANTING EQUIPMENT

JD 7200 4R Cons., Dry Fert., Fully Equipped, Like New
JD 7000 6 Row No-Til Liq. Fert., Insect. & Monitor
JD 7000 6R 30 Consv., Liq. Fert., Frame Mtd. Coulters, Monitor & Markers
IH 5100 18x7 Double Disc Grain Drill w/Grass Seed

Mechanic's Special
JD 3300 Dsl. Rotary Screen
Cab & Air

We have lease financing available for above equipment

PLOWS

IH 155 4 Base Roll-Over On-Land Hitch
IH 145 3 Base Rollover, Hyd. Reset
IH 720 5x20 Spring Reset
IH 710 6x18 Spring Reset, On-Land Hitch
IH 710 6x16 Spring Trip Onland Hitch
IH 710 5x16 Spring Reset Plow
IH 710 5x18 Spring Reset, On-Land Hitch Plow
IH 710, 4x18 Spring Reset Plow
JD 84[SOLD]Base Roll-Over
JD 2800 6 Base Variable Width, Spring Reset
JD 4200 3 & 4 Base Roll-Over
JD 2500 5x18 Spring Reset
JD 2450 5x18 On-Land Hitch
JD 1450 5x16
White 588 6x18 Spring Reset, Variable Width, On-Land Hitch

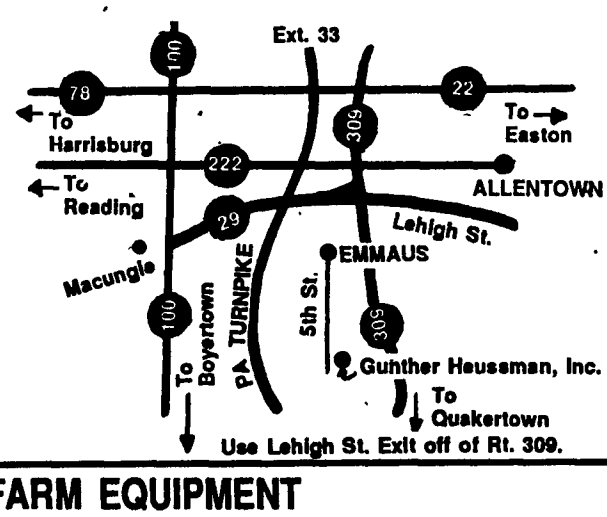
NEW ARRIVALS

JD 220 Hyd. Fold 18' Disc
IH 610 12' Offset Disc
JD 5½' P.U. Head w/Clutch
MF 2705 Dsl., Cab & Air, 4 Spd., Power Shift
IH 710 5x18 Spring Reset
JD 4440 Dsl., Cab, Air, [SOLD]uad, 2600 Hrs., One Owner, Very Nice

MISCELLANEOUS EQUIPMENT

JD RM 6R Cultivator, 3PT
JD RM 4R Cultivator, 3PT
JD 158 Loader
JD 148 Loader to Fit Row Crop Tractors
18x38-18x34 Duals
JD Roll Guard w/Metal Enclosure For JD Utility Tractor
JD 145 Loader
JD 245 Quick-Tach Loader
Farmhand Quick Tach Loader to Fit JD 2510 thru 4440, Like New
IH #60 Stalk Shredder, Very Nice
Year Round Cab Fits IH 766-1566, 666, 686
JD 27 Stalk Shredder, QR, Very Good
IH #50 Stalk Shredder
Brady 12' Stalk Shredder

Farmco 18' Bale Wagons
8 Ton Gear, 11Lx15 Tires
$1,950



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GEHL Forage Boxes, Mix-Mills, Forage Harvesters, Forage Blowers, Skid Loaders, V-Type & Web Manure Spreaders, Etc	"BETTER-BILT" PARTS AND SERVICE	General Eager Beaver TAG-ALONG TRAILERS	ATHENS TILLAGE TOOLS DISK HARROWS, COULTER CHISELS, CHISEL PLOWS
BUSH HOG ROTARY CUTTERS Bat Wing Model & Others	RICHARDTON DUMP WAGONS & CONVEYOR BOXES	HUSKY MANURE HANDLING EQUIPMENT • Lagoon Pumps • Truck Mounts • Top Fill & Vacuum Spreaders	BUCKETS & FORKS MADE TO ORDER FOR ANY SKID LOADER OR YOUR TRACTOR LOADER
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- Kasten Forage Wagon w/roof
- New Idea Forage Wagon w/roof
- Gehl FB84 Forage Harvester w/2 Heads
- Jamesway Silo Unloader Volumatic II 14 ft.
- Bulk tank w/refrigeration unit
- Dumping Station
- Glass pipeline
- Water Bowls (new in box)
- Potato Equipment
- Troy 38 ft. Flat Belt Elevator boom
- Haines Barrel Seed Treater

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J & L hay-saver feeds 20 cattle.

New, improved, round hay-bale feeder feeds large or small hay bales along with square bales. It proves to save hay. This feeder is built of heavy 1¼ " pipe and ¼ " steel for ring. Available with ¼ " steel or treated ¾ " plywood floors. This 1,200 lb. feeder is built to last.

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continuous flow
LP gas, PTO
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New Case D130
Backhoe to mount
on skid loader
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New & Used Parts,
Heads, Gaskets
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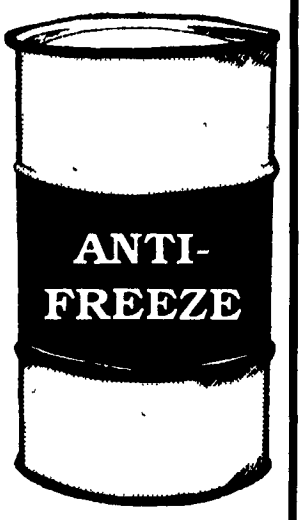
PERMANENT TYPE LOW SILICATE BLUE-GREEN MIX



$3.45
Per Gallon

Quantity Discount Available

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Manheim (717) 665-3216
Terre Hill (215) 445-6714

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FINEST OF THE FINE SINCE 1879

55 GALLON PRICES

SUPERDUTY 10W40	$195.00
SUPERDUTY 10W30	$195.00
SUPERDUTY 20W40	$195.00
HEAVY DUTY 30	$175.00
SPECIAL DUTY 15W40	$182.95
TRACTOR HYDRAULIC FLUID	$184.95
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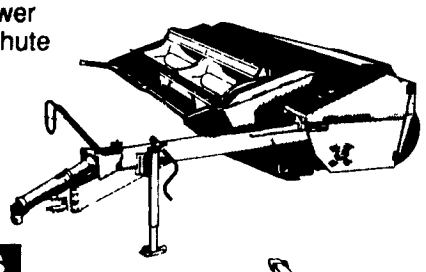
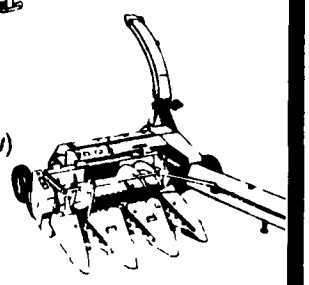
USED EQUIPMENT

HAY & FORAGE
- NH 276 Baler w/Bale Thrower
- NH 326 Baler w/¼ Turn Chute
- NH 411 Discbine
- NH 489 Haybine
- IH Hay Rake
- NH 890 Forage Harvester
- NH 770 Forage Harvester



FORAGE HEADS
- NH 770W Hay Pickup Head
- NH 770 R-2 2 Row Corn Head (Wide)
- NH 880W Hay Pickup Head
- NH 880 N-2 2 Row Corn Head (Narrow)
- NH 880 R-2 2 Row Corn Head (Wide)
- NI 762 Uni 2 Row Corn Head (Wide)



FORAGE BLOWERS
- NH 27 Forage Blower
- IH 56 Forage Blower

MANURE SPREADERS
- NH 307 Slurry Spreader

GRINDER MIXERS
- NH 357 Grinder Mixer

TRACTORS & BACKHOES
- Ford 2120 (215 Hr.) FWD w/7109 Front End Loader
- Ford 555 TLB Backhoe (No Cab)

SKID STEER LOADERS
- IH 3300 Skid Steer Loader
- NH 778 Skid Steer Loader (Ford Diesel)
- NH 775 Skid Steer Loader (Deutz Diesel)

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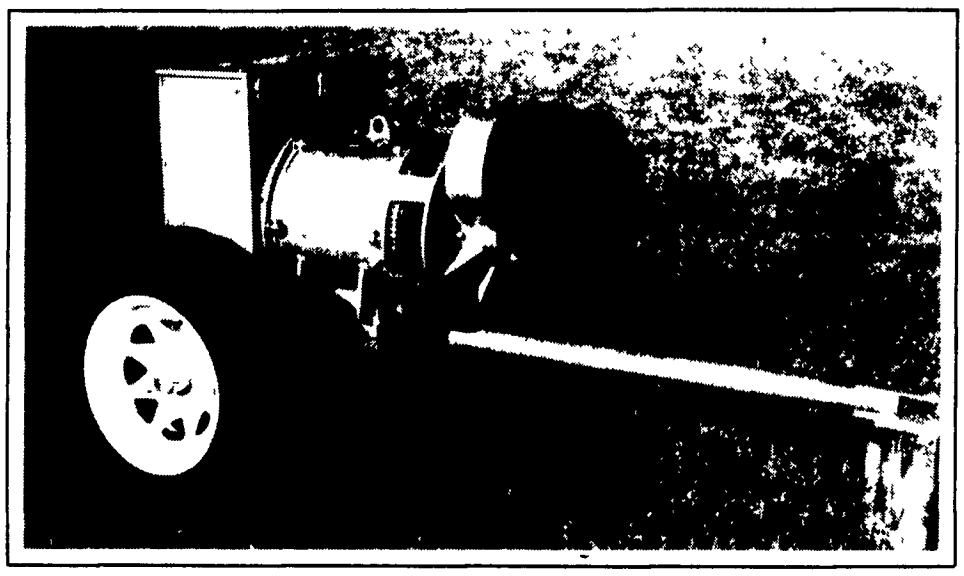

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- Line Breaker
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- Brushless
- Meters

SALE PRICE $5,200⁰⁰

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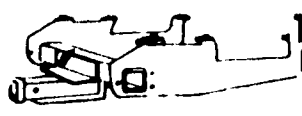

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WE SELL
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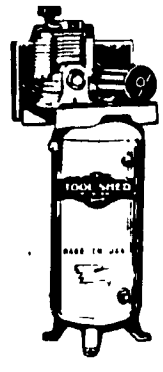

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5 HP, ASME CODED TANKS, FROM
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7½ HP 80 GAL TANK, SINGLE PHASE MOTOR **$1399**
ALL UNITS COME WITH MAG-STARTER MOUNTED & WIRED IF REQUIRED
PORTABLES AVAILABLE

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#100	$269
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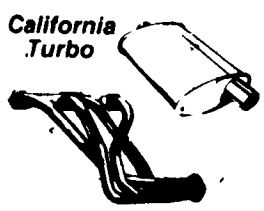
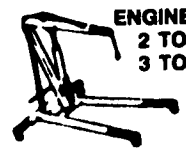
California Turbo



Holley



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2 TON..$299
3 TON..$799

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New 8460 Combines Here Now!

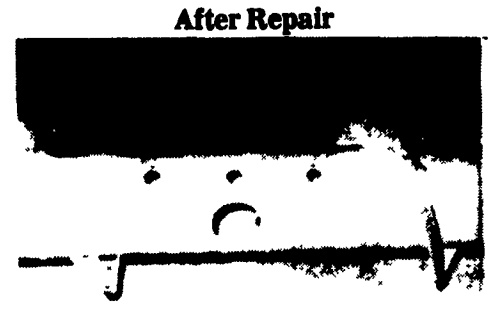
Special Sale Price On Woods Mowers
4', 5', 6' Grooming Mowers
5' Rotary Cutter

See The New Massey Tractors And Combines At Ag Progress!

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



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No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!
Rebuilt augers are guaranteed to run true!
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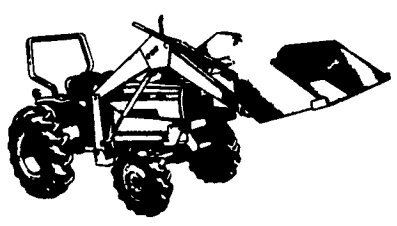
We Can Rebuild All Makes Of Augers

Call Now For An Appointment & Price Quotation To Have Your Auger Repaired

SFM V-BOX MANURE SPREADERS
with Hammer / Side Discharge - Hydraulic Auger

Model #1100 (Gal) 225 Bushel	$6,200
Model #1700 (Gal) 350 Bushel, Tandem	$9,000
Model #2500 (Gal) 525 Bushel, Tandem	$11,650
LUCK NOW Model #285 Mixer-Feeder Wagon,	$15,380



35 Compact Tractors Back From Lease Contracts

Low Hours - Low Prices

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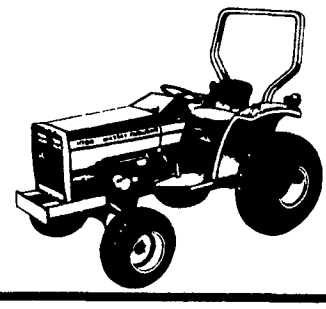
1030 - 2WD, 26 HP, Ag Tire	$6,700
1030 - 4WD, 26 HP, AG Tire	$8,000
1035 - 2WD, 31 HP, Ag Tires	$7,600
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP, Ag Tires	$8,650



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PLOWS & TILLAGE

MF 115 Coulter Chisel Plow	$5,200
Landoll Field Cultivator	$2,800
Sovema 3 pt. Rotary Tiller	$1,075
MF 6 Row Cultivator	$800
Noble 4 Row Cultivator	$2,150
Unverferth Field Cultivator	$2,300
Yetter 15' Rotary Hoe	$2,625

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,650
Brady 840 Stalk Chopper	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400

MISC. EQUIPMENT

Danuser 3 pt. Wood Spliter	$780
Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E.Z. Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$7,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500

HAY EQUIPMENT

MF 41 Sickle Bar Mower	$2,250
J Bar 3 pt. 4 Wheel Rake	$475
MF Forage Blower	$1,900
Gehl 1710 Round Balers	$5,500
NH 499 Haybine	Reduced to $9,900
Hesston 3700 Rake Tedder, 1 yr. old	$2,200
Vicon KM 281 Discbine	$5,500
NH 495 Haybine	$2,900
5 Wheel Pull Type Rake	$300
Vicon Model 1510 Round Baler	$7,900
Vicon CM 240 Disc Mower	$1,500
NH 489 Haybine	

USED TRACTORS

Kinsey 1644 Skid Steer Loader	$15,900
MF 1085	$4,900
Case 1690 4WD	$12,000
MF 1155 with duals	$7,400
JD 4030	$9,700
Ford Dextra Tractor	$2,500
IH 464	$5,500
MF 240, like new	
Deutz 5230 31 HP, Turf Tractor	$6,500
IH 674 gas	$3,800
JD 2010 w/ldr.	$2,500
MF 1085	$5,800
MF 178	$4,500
MF 205 4WD w/ldr.	$5,800
Farmall 230	$1,200

USED COMBINES

1984 MF 860 Hydro V8	$23,500
1981 MF 860 Hydro V8 Four Wheel Drive	$32,000
1981 MF 860 Hydro V8 Four Wheel Drive	$25,000
1981 MF 860 Hydro V8	$24,000
1980 MF 750 Hydro	$19,000
1979 MF 760 Hydro	$17,500
1979 MF 750 Gear Drive	$14,000
1977 MF 750 Gear Drive	$12,000
1977 MF 760 Hydro V8	$16,000
1975 MF 750 Gear Drive	$4,000
1974 MF 760 Hydro V8	$7,500
1971 MF 410 Diesel	$3,000
MF 9118 Flex Head	$6,000
New MF 540 Combine	
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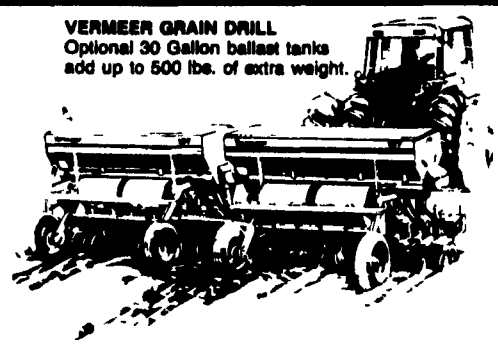

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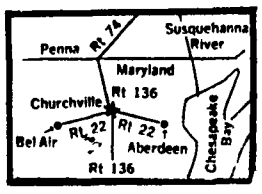

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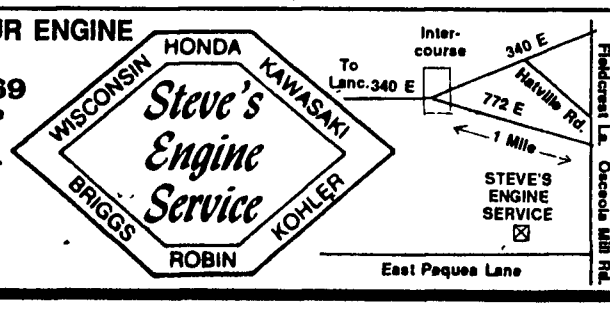

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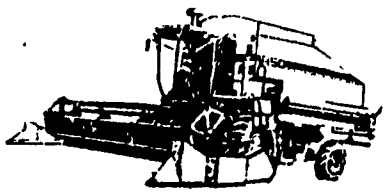

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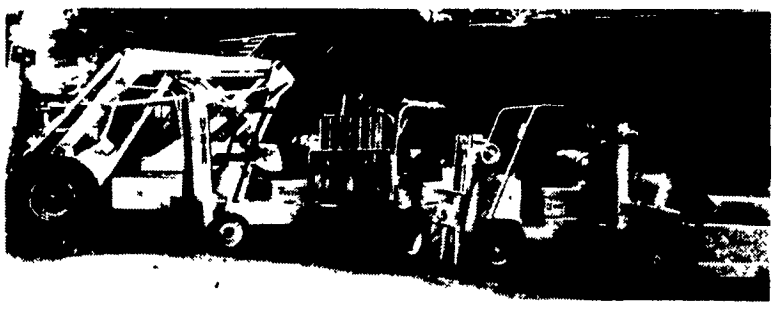

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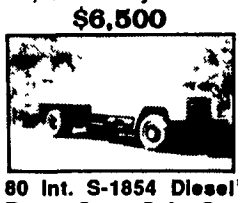

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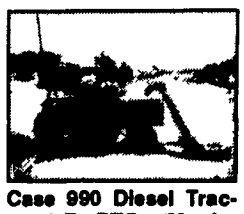

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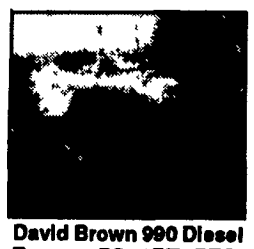

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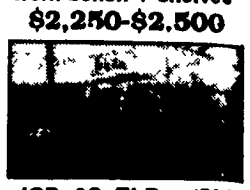
$3,500



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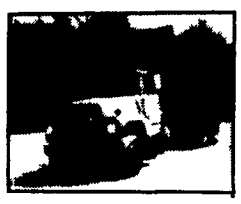

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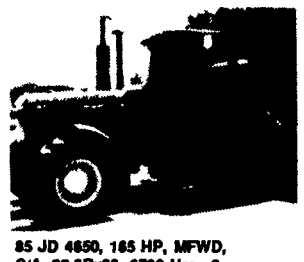
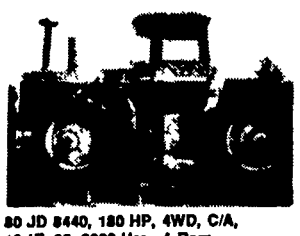
89/90 JD 2955, 85 HP, 4WD, 2 Pos ROPS, 18.4x38, 400-900 Hrs., 2 Rem, TSS, Hi-Lo, Under Warranty.....$27,900



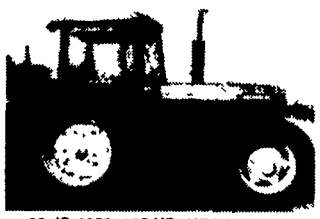
85 JD 4650, 185 HP, MFWD, C/A, 20.8Rx38, 2790 Hrs., 2 Rem., PS.....$43,900

83 JD 4250, 120 HP, MFWD, C/A, 20.8x38 (New), 3550 Hrs., 2 Rem., Quad, Front & Rear PTO & 3 Pt. Hitch.....$33,900

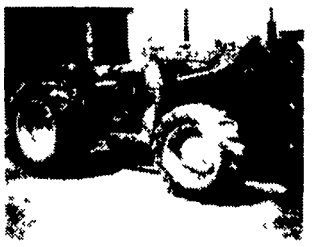
84 JD 4250, 120 HP, MFWD, C/A, Quad, 20.8x38 3100 Hrs., 2 Rem.....$32,900



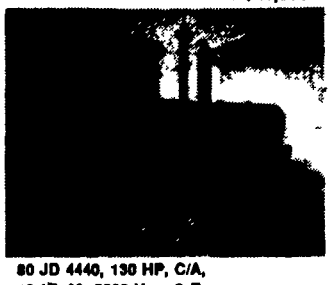
80 JD 8440, 180 HP, 4WD, C/A, 18.4Rx38, 3000 Hrs., 4 Rem., 16F/16R Tranny.....$29,900



83 JD 4050, 105 HP, MFWD, C/A, 18.4x38, 3165 Hrs., 2 Rem., Quad.....$25,900

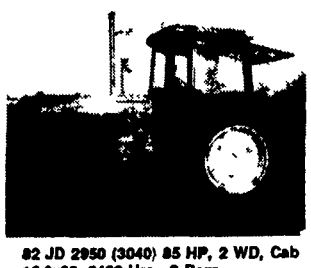


85 JD 2350, 55 HP, 4WD, 16.9x30, 1800 Hrs., 2 Rem., Hi-Lo w/245 Loader.....$21,900



80 JD 4440, 130 HP, C/A, 18.4Rx38, 5000 Hrs., 2 Rem., Quad.....$21,900

82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., Hi-Lo.....$18,900



82 JD 2950 (3040) 85 HP, 2 WD, Cab 16.9x38, 2400 Hrs., 2 Rem., Hi-Lo.....$18,900

90 JD 8560, 196 HP, 4WD, C/A, 30.5x32, 250 Hrs., 3 Rem., 24 Speed, No PTO or 3 Pt. Hitch, Under Warranty.....$69,900
86 JD 4850, 193 HP, MFWD, C/A, 20.8Rx38, 2400 Hrs., 3 Rem, PS.....$52,900
84/85 JD 4450, 140 HP, MFWD, C/A, 20.8Rx38, 2800 Hrs., 2 Rem, PS.....$44,500
89 JD 4250, 120 HP, 2WD, 4-Post, 18.4x38, 1000 Hrs., 2 Rem., PS.....$34,900
84 JD 4250, 120 HP, MFWD, C/A, 20.8x38 (New) 3,075 Hrs., 2 Rem, Quad.....$32,900
89 JD 2555, 65 HP, 4 WD, 18.4x30, 364 Hrs., 1 Rem., Std. Tranny.....$24,500
82 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38, 3462 Hrs., 2 Rem., Quad.....$22,900
88 JD 2355, 55 HP, 4WD, ROPS, 16.9x30, 1000 Hrs., 1 Rem., 8F/4R Synchro.....$22,900
87/88 JD 2355, 55 HP, 2 WD, 16.9x30, 1100 Hrs., 1 Rem, 8F/4R Synchro.....$14,900
New JD 1650, 62 HP, 2WD, 16.9x28, 20 Hrs., 9F/2R.....$14,900
78 JD 2840, 80 HP, 2WD, 18.4x34, 4621 Hrs., 2 Rem., Hi-Lo.....$9,900
87/88 JD 4020, 95 HP, 2 WD, 18.4x34, 3044 Hrs., 2 Rem., PS.....$8,750
89 Case Magnum 7120, 150 HP, 4WD, C/A, 18.4x42, 1500 Hrs., 2 Rem., PS.....$52,900
86 Case 4894, 253 HP, 4WD, C/A, 30.5x32, 500 Hrs., 4 Rem., PS, PTO Lift Arms.....$46,900
86 Case 4894, 253 HP, 4 WD, C/A, 30.5x32, 4 Rem., 500 Hrs., PTO Lift Arms, PS.....$45,000
86 Case 4894, 253 HP, 4 WD, C/A, 30.5x32, 2939 Hrs, 4 Rem., PS.....$36,900
86 Case 4694, 220 HP, 4WD, C/A, 18.4Rx34 3367 Hrs., 2 Rem, PS.....$33,900
85 Case 1494, 75 HP, 4 WD, C/A, 13.6Rx38, 3000 Hrs., 2 Rem., Hydro.....$15,900
87 FD TW-25, 140 HP, 4WD, Super "Q" Cab/Air, 18.4Rx38, 1750 Hrs., 2 Rem., DP, Radar Digital Dash Display.....$37,900
84 FD TW-25, 140 HP, 4 WD, C/A, 18.4Rx38, 2 Rem., DP, 2800 Hrs.....$30,900
82 FD 7610, 86 HP, 2 WD, Cab, 3018 Hrs., 16.9x34, 2 Rem., 16 Speed.....$14,900
60 FD 800, 42 HP, 2 WD, 16.9x24, 4000 Hrs., 1 Rem.....$1,950
65 IH 3414 H, 40 HP, 2WD, 14.9x24, Gas Std. Bucket & Backhoe.....$8,950
64 IH 706, 75 HP, 2WD, 15.5x38, 1 Rem., Std.....$2,950
84 MF 158-F, 55 HP, 2 WD, Sims Cab, 13.6x16, 1100 Hrs., 1 Rem., Hi-Lo.....$9,900
74 MF 1135, 120 HP, 2WD, 20.8x38, Cab, Multi-Power, 3611 Hrs.....$9,900
66 MF 165, 52 HP, 2WD, 16.9x28, Multi-Power, w/99 Ind. Loader.....$4,900
47 MF 30, 27 HP, 2 WD, 11.2x28, Gas, 5 Speed w/Sickle Bar Mower.....$1,950
88 Cat. Challenger 65, 260 HP, Track, C/A, 86 Hrs., 4 Rem., PS Tranny.....$105,000
86 Cat. Challenger 65, 260 HP, Track, C/A, 2312 Hrs., 4 Rem., PS Tranny.....$85,000
80 GMC Astro V892 13 Spd. Road Ranger, 26' Rollback Tri-Axle.....$29,500
87 Mercedes, 30', Air Tag Axle.....$23,900
78 Buffalo Same, 120 HP, 4WD, Cab, 18.4Rx38, 4700 Hrs., 2 Rem., 12F/4R, Front Linkage & PTO.....$17,900
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Bomford 72" Mid-Mount Mower.....$2,950
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85 Light Foot Grain Cleaner, Extra Screens, Hopper.....$1,500

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84 JD 2010, 47 HP, 2 WD, 14.9x28, Synchro.....~~$6,500~~ $5,600
82 Cat 922A Loader, 80 HP 4WD, 14.00x24.....~~$12,500~~ $10,900
87 Mitsubishi 250D, 22 HP, 4 WD, 606 Hrs., 11.2/10x24 (New) w/Woods Mower.....~~$8,500~~ $7,999
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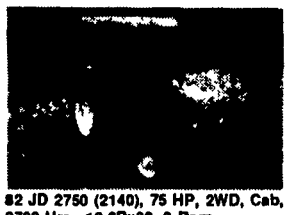
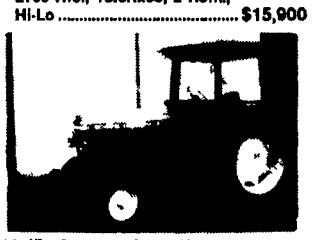
23,000 Gal. Tank.....~~$2,800~~ SPECIAL - $1,900



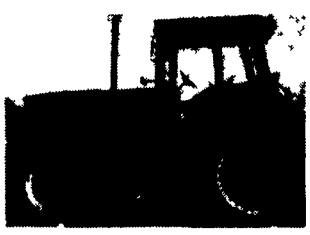
82 JD 2750 (2140), 75 HP, 2WD, Cab, 2700 Hrs., 13.6Rx38, 2 Rem., Hi-Lo.....$15,900



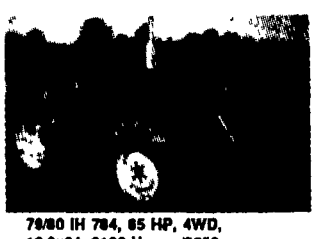
83 JD 2550 (2040S), 65 HP, Cab, 2 WD, 13.6x38, 2570 Hrs.....$14,500

78 JD 4230, 100 HP, 2WD, C/A, 18.4x38, 6709 Hrs., 2 Rem., PS.....$14,500

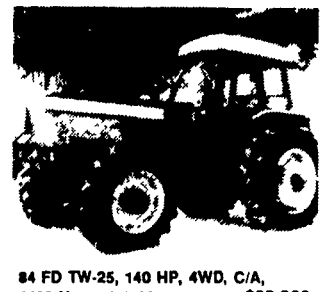
84 IH 5488, 187 HP, 4WD, C/A, 20.8Rx38,, 2200 Hrs., 2 Rem., 18F/6R.....$34,900



84 IH 5288, 160 HP, 4 WD, C/A, 2990 Hrs. 20.8Rx38, 2 Rem, 18F/6R Tranny.....$29,900



79/80 IH 784, 85 HP, 4WD, 16.9x34, 3100 Hrs. w/2250 Loader.....$12,900



84 FD TW-25, 140 HP, 4WD, C/A, 2400 Hrs., 18.4x38.....$32,900

80/81 FD TW-20, 128 HP, 4 WD, C/A, 18.4Rx38, 2 Rem., DP, 3050 Hrs.....$22,900

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75	5.0	3.3"	2.9"	1100'	240'	82-300	$15,900
90	6.0	3.6"	3.0"	1130'	250'	90-350	$19,900
130	7.5	4.3"	3.7"	1130'	290'	110-350	$23,900
110	8.0	4.3"	3.7"	1290'	275'	110-400	$28,900
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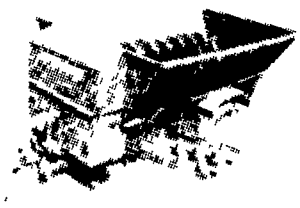

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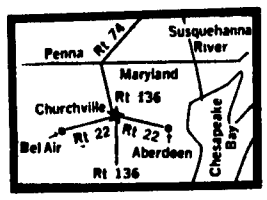

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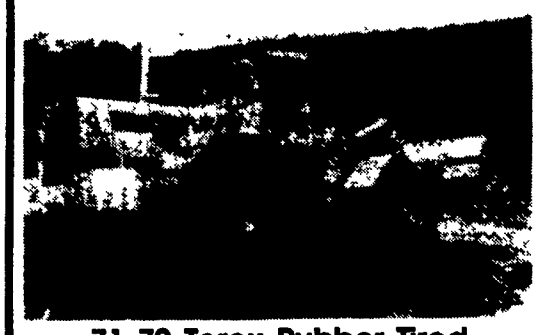

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KUBOTA: M5500 4WD w/Ldr., M4950 4WD w/Ldr. & Hyd. Drive Sickle Bar Mower, B7100 HST w/Rear Woods Mower, 6100 4WD.
CASE: 1690.

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BUSH HOG: 9 Ft. Offset Plowing Disc.
IHC: 760 Offset 13 Ft. Disc, 350 12 Ft. Disc, 480 Tandem 20 Ft. Wing Disc.
AC: 14 Ft. Tandem Wing Disc, 2300 Tandem 10 Ft. Disc; 3300 Transport Offset Disc.
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TAYLORWAY: Rockflex 13 Ft. Disc.
ATHENS: 131 Tandem 11 Ft. Plow Disc.
WHITE: 13 Ft. Tandem Disc Like New.
MASSEY: 12 Ft. Tandem Disc.
MISC.: Glenco 4 Row 3 Pth. No-Til Cultivator, New Brillion 16' Transport Harrow w/Danish Tines; 2, 4, & 6 Row 3 Pth. Cultivators.

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AC: 2000 4 Btm.
FORD: 3 Btm. 3 Pth.
WHITE: 588 5 Btm.
MISC.: Kewanee 9 Shank Trailer Chisel Plow, Massey 4 Btm. 3 Pth. Rollover, JD 3 Btm. 3 Pth. Rollover, JD 1250 3 Btm. 3 Pth., Athens 7 Shank 3 Pth. Chisel Plow, Brillion 10 & 12 Ft. Cultimulchers.

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BALERS: NI: 484 Round Baler, GEHL: 1310 Round Baler, Low Useage, Makes 4 Ft. Bales, JD: 346 Sq. Baler w/Thrower, Low Useage, 224 TSR Baler.
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FORAGE HARVESTERS: GEHL: 1000 w/Pickup Head & Tandem Axle, Hesston 2000-150 Choice Of Heads, Hesston 7140 Choice Of Heads.
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Set Of JD 7x16 Plows On-Land
(2) NH 320T Balers, Extra Sharp

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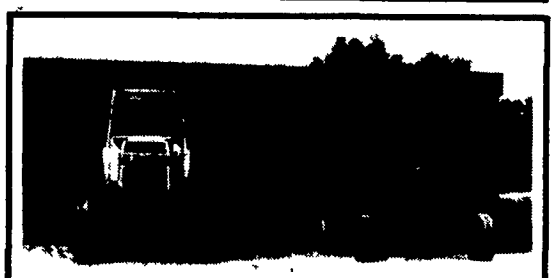

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Ford 7700, dual power, weights, 3,300 hrs.
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Ford 3000 gas, PS, very good condition
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JD 650 MFWD w/60" belly mower and loader
AC 720 Forage Harvester, 2 R cornhead & 6' PU
12 Ft. Bushhog Tandem Disk, wheel lift
2R Braco Potato Harvester w/PTO Drive
JD 125 chuck wagon on 1065 running gear
JD 4 RW Row Crop Cultivator
IH 56 RR wide planter with dry fertilizer
JD 8250 14 disc Grain Drill
1974 JD 4400 combine w/213 platform and 442 cornhead
JD 1207 mower conditioner
JD 210 Disc 12' wide, new blades
JD 7000 4R planter w/liq. fert. and unit mounted coulters
JD 2350 tractor, low hrs.
JD 7000 4 RN planter, liq. fert.
JD 40 Crawler
New Brillion 12' Flail Shredder
2 Row Champion Potato Harvestewr w/ motor

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CASE-IH
235 2WD Hydro.
235 4WD Gear
255 2WD w/61" RS Rotary
275 4WD
385 4WD w/Shuttle

NEW EQUIPMENT

840 Skid Steer Loader
5 QA Loader
7 QA Loader
10 QA Loader
2200 Loader
2250 Loader
2255 Loader
Woods M5 Dixie Cutter
Case IH 3204 Rotary Disc Mower

USED EQUIPMENT

200 Massey Industrial Tractor w/Loader
454 Int. Tractor w/ Loader

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Thorndale, PA
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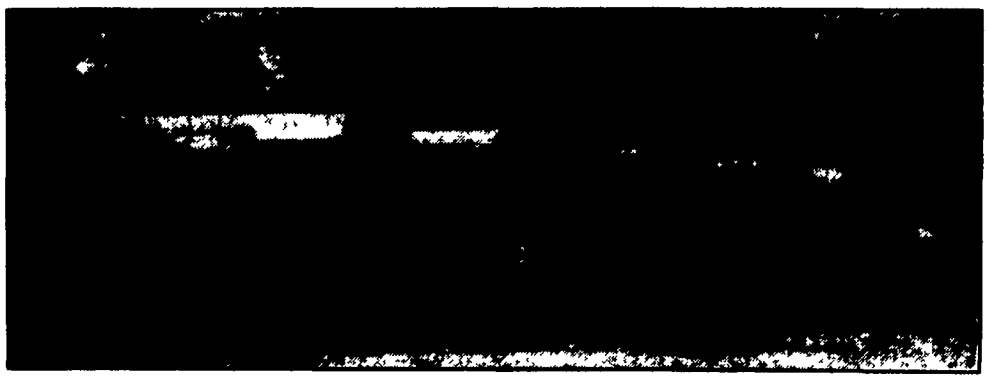
AG PROGRESS SPECIALS



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Gehl FB99 Blower, Tag 2174	$ 895
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Gehl BU920 Forage Wagon w/Roof, 12 Ton Gear, Tag 2111	$3,975
Gehl BU920 Forage Wagon w/Roof, 12 Ton Gear, Tag 2178	$3,975
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Gehl BU810 Forage Wagon w/Roof, As Is, Tag 1345	$1,150
Gehl BU910 Forage Wagon w/Roof, As Is, Tag 1242	$ 895
Gehl CB800 Harvester, 1000 RPM w/Hay Head, Tag 2127	$3,950
Gehl CB800 Harvester, 1000 RPM w/Corn Head, Tag 2195	$3,450
New Idea 325-327 2RN Corn Picker w/12 Roll Bed, Tag 2075	$4,500
New Idea 325-327 2RN Corn Picker w/12 Roll Bed, Tag 1369	$2,850
New Idea 325-326 2RN Corn Picker w/8 Roll Bed, Tag 2076	$3,500
New Idea 324-314 2RW Corn Picker w/Sheller, Tag 1654	$1,495
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Bobcat 543 Kubota Diesel w/Bucket, Tag 2056	$5,950
NH 276 Haybine Baler w/Thrower, Tag 2051	$2,875
NH 315 Super Sweep Baler w/Thrower	$3,850
Mitsubishi 15 HP Diesel w/Mid Mount Mower, Tag 2044	$3,990
Brillion 11 Ft. Packer w/Transport, Tag 1351	$1,195
Brillion 12 Ft. Packer w/Transport, Tag 2054	$1,495
Brillion 13 Ft. 4" Packer w/Transport, Tag 2067	$1,595
Brillion 25 Ft. Wing Packer w/Hyd. Fold, Tag 2060	$4,450
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JD 4440, cab, air, power shift	JD 850 w/mower
JD 4240, PS, cab & air	JD 720 diesel, electric start
JD 4230, 1977, cab & air, QR	IH 3688 w/cab & air
JD 4230 fender, quad range	IH 3688, 4WD
JD 4430, cab & air, sharp	IH 1486, cab & air
JD 4040, cab & air, quad range	IH 1086, cab & air
JD 4030, cab & air	IH 986, cab & air
JD 4020 diesel	IH 684 w/2250 loader
JD 2510	IH 656 gas
JD 2940	IH 1066
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JD 2240 w/cab	Ford 2000
JD 2150	Ford 3000
JD 2030	Ford 340 tractor loader, 500 hrs.

New Ford 5610

JD 4650, power shift, 1,100 hrs., w/duals

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MF 40B forklift	Gehl 4510 skid steer
NH 779 skid steer	Ford CL55, used 1,000 hrs.

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Int. 5 btm. 16" spring reset plow	IH 710 8 btm. 18" spring reset, on land hitch
White 6 btm. 16" spring reset plow	IH 710 7 btm. on land hitch
IH consertill 13'	IH 710 6 btm. on land hitch
IH consertill 10'	IH 720 6 btm. 18" toggle trip
JD 3 btm. roll over plow	IH 720 5 btm. 18" toggle trip
JD 4 btm. roll over plow	JD 2500 5 btm. 18" spring reset
JD 7 btm. on land hitch	JD 2500 6 btm. spring reset

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244 JD corn heads	JD 4400 diesel
444 JD corn heads	JD 7700 diesel
443 corn heads	JD 215 flex head
JD 4400 diesel, 1,500 hrs., sharp	

HAY EQUIPMENT

JD 1207 7' haybine	Gehl 7200 flail chopper
IH 7' haybine, like new	JD pickup head w/wheels
NH 478 haybine	NH 315 baler w/kicker
NH 1010 bale wagon	

Fox Max II Self Propelled Chopper, 250 H.P., Cab & 3 Row Head

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NI 2 row wide, 12 roll bed	Kewanee mulcher, like new
JD 12' mulcher	Kewanee 18' hyd. fold disc
Gehl 120 grinder mixer	Kewanee 21' hyd. fold disc
Bush Hog plowing disc, 14'	Kewanee hyd. fold 20' roller harrow, like new
JD 3RW harvester head, like new	'74 GMC 6000, cab & chassis, 5 spd.-2 spd., power steering
Fox 3 row narrow corn head	

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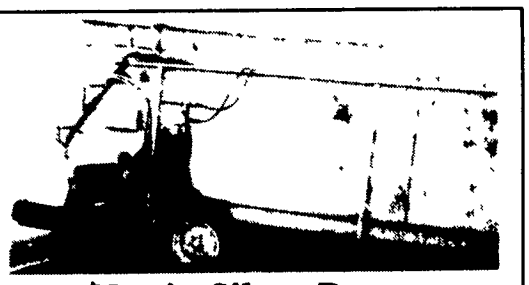

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NI 245 Spreader
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JD 4400 Combine w/13' Grain & 4 RN C.H
(2) White 706N Corn Heads
Fox 728 2R Corn Head
Hesston 7150 Forage Harvester
JD 7000 6 Row
JD 7000 12R Corn Planter
White 2105
Badger Manure Spreader
NI 213 Manure Spreader
NI 109 Fert Spreader
Int 56 4R Corn Planter
Hesston PT10 Windrower
Hay Buster 107 No-Til Drill
IH 15' Chisel Plow
Hardi 3 Pt. 210 Gal. Weed Sprayer
Dunham Lehr 15' Culti-mulcher
Ford 309 4 Row Corn Planter
White 6342 3 Bot. Roll-Over Plow (New, Weathered)
(2) JD 1209 Windrower
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JD 5 btm. Plow
IH 56 corn planter

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JD 40 spreader

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IH 820 15' Flex Head
JD 6620, LL
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JD 444 Cornhead

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MF (76) 750 Cab, Air, Hydro
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(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
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CORNHEADS: JD 843 LP, 644, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.
I H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.
A C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.
M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.
N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.
NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

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CASE IH 685 C.A. MFWD, w/110 Hours; CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., Like New; Case 2094 C.A.P.S., MFWD; Case 1194 w/300 Hrs.; Case 4690 C.A., P.S. 4WD, Full Equipment; Case 2590, CA, PS, 1600 hours; Case 2390 CAPS, Duals; CASE 2390 C.A.P.S., Duals; Case 2090, C.A.P.S., Nice; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., 20.8x38 Radials; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1390; Case 1190 w/Case #60 Loader; Case 1370 C.A.P.S.; Case 970 ROPS; Case 970; 930D, WF 3 pt.; Case 730 Gas w/3 Pt., WF; Case- 995 w/ Cab.
MF 2805 C.A., 24 Speed, w/ Duals; MF 2805, C.A., 8 Spd. w/Duals, Nice; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1135 w/Cab, 8 Spd.; MF 1100; MF 1100 Dsl., WF, As Is; MF 1085; MF 165 U. Gas; MF 165D w/Freeman Ldr.; MF 135 Gas w/ Power; MF 65 D; Massey Harris Pony.
Ford TW5, C.A., MFWD, 800 Hrs., Like New; Ford TW20 C.A., Dual Power; Ford 7770 CA, DP; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 871 w/ Power Steering And Front Blade; Ford 9N.
WHITE 2-135, C.A.; White 2-85.
OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, As Is; Oliver 2050, Oliver 1650 Dsl, WFE; MM G1000 Nice.
Tractors & Equip. Just Traded:
JD 4320; JD 3020, Side Console, Power Shift; White 2-155, C.A.; Deutz DX160, C.A., MFWD, As Is; White 5100, 8 Row, No-Til Planter; JD 4010 Tricycle, Gas, w/Cab; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; Ford 3X Plow; New JD 1600 Hydroswing Haybine, (Damaged); Cub Cadet 169; JD 300; JD 160; Honda 3813 Liquid Cooled; AC 8050 C A.P.S., MFWD; AC 8070, C.A.P.S., MFWD; Ford 9N w/Loader; JD 3020 SC; Krause 10' Disc; IH 5488 w/Duals; IH 770 20' Hyd. Fold Offset Disc; AC 180 Tricycle Dsl., Nice; 8' Seeder; Ferguson 20 w/Lder.; JD 3800 Chopper; JD 1209 Haybine; Oliver 3X Roll-Over Plow; Martin Manure Auger; Deutz Fahr DX 830 C.A.P.S., MFWD; IH 350 Dsl. w/Backhoe; MF 65 Gas.

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New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.
PICKER: JD 300 Picker w/2RN Corn Head; NI 319 Mounted Picker w/12 Roll Husking Bed; NI 319 Mtd.
FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.
JD 5400 C.A., Hydro, 4WD, Real Nice.
JD 3960 w/2 Heads, Full Equip.; JD 3800 Chopper, Hay Pick-Up; JD 3960 w/3R Cornhead; JD 3960; JD 35 Chopper.
NH 900 Chopper, Like New; NH 890 w/Electric Controls, 2R Corn & Hay Pickup; NH 770 w/heads; NH 770 w/822 Cornhead; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; IH 720 Chopper w/2R Cornhead; IH 720 w/2R And Pickup, Good Cond.
NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead.
MF 200 Chopper w/2R Cornhead; Hesston 7020 w/ Hay Pick-Up.
Fox Super D w/Cab 3R C.H. & PU.
Gehl 1200 Chopper Elect. Controls w/3R Corn Head And Pick-Up.
Gehl CB 1200 Chopper.
Balzer 1014 Hydraulic Dump Station.

FORAGE HEADS: NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H , NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1, 2, & 3R Silage, NH 880W PU, NH 880 S Direct Cut, NH 890 N3 3R Corn, Incomplete
JD 1R Snapper Head, JD 3R 36" Silage Head, J D 2 & 3R Snapper, 2 & 3 R Silage, Used 5½' and 7' Hay Pickups, JD 243 C H w/ adapter plate, JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C H harvester adapter plates, JD 4RW Stalker Head
IH 720 & 830 2R Cornhead, IH 720 & 830 Hay Pick Up, IH Direct Cut Head w/2RN & Hay PU for 650, NI 766 Hay PU, Gehl 1000 Hay Pickup
2 CSB 2RW - Snapper, 263 2 RW, 109 Hay Pickup
BLOWERS: Gehl 99 Blower, NH 30, Farmhand Burr Mill Blower
FLAIL CHOPPERS: Used NH 38, JD 27 Stalk Shredder, NH 38 Flail, Good Condition, Bearcat 72A Flail Chopper
SILAGE WAGONS: (2) JD 716 Tandem Axle w/Roof, Hesston #10 Stack Wagon
HAY EQ. BALERS: Hesston 4800 Big Baler, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/ Thrower, JD 327 Baler w/ Thrower, JD 327 Baler w/Chute, JD 336T w/Thrower, JD 336 Wire w/Thrower, JD 24T w/#30 Thrower, JD 24T w/#30 Thrower
NH 326 Baler, NH 326 w/70 Thrower, Used 3 Seasons, NH 425 Wire Tie Baler, NH 320 Baler, NH 320 Baler w/70 Thrower, NH 315 w/70 Thrower, NH 315 w/Thrower, NH 276 Wire Baler, NH 276 Baler, NH 268 w/53 Thrower, NH #75 Ejector, M SOLD aler, NH 848 Round Baler w/Memory Wrap, NH 851 Rd, NH 847 w/Auto Wrap, Like New, NH 846 Hydr Wrap, Hesston 5600 Round Baler, Real Nice, IH 241 Round Baler
RAKES: Vermeer R-21A Twin Rake, MF 585 w/Dolly Wheel
NH 258 Rake, NH 259 Rake, NH 56 Rake, New NI 406 Rake, Hyd Drive w/Dolly Wheel, Fahr 4 Star Tedder, Grimm Hay Tedder
HAYBINES: (1982) NH 1495 D C A. Hydro, 800 Hrs; NH 1495 D Hydro w/Half Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing Haybine, Very Nice, 495, NH 489 Haybine, Real Nice, (3) 489, NH 488, NH 479, 478, (4) NH 467 Haybines, JD 1219, JD 1209 Haybine, IH 11 SOLD ne, Like New, IH 990 7' Haybine, JD 1327 Diskbine, Like New, Hesston PT7
New MC 7E, MC9E Rotary Scythe, NI 272 Cutditioners, NH 1005 Bale Wagon, NH 1002 Bale Wagon
PLANTERS: AC 333 6R No-Til Planter; JD 7000 6R Cons, Dry Fert, JD 7000 6R Cons Liq, JD 7000 4R Liq, (Used) 7000-6R Cons Liquid w/No Till, JD 7000 6R Conservation, Dry Fert, JD 7000 6R Corn Planter, Dry Fert, JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No-Til, JD 7000, 6RW Plate Planter, 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4RN Liq, JD 7000 4R Planter, Dry Fert, Real Good, IH 800 4RN Liq Plate Planter; IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units, IH 56 4R Planter, White 5400 6R Corn Planter, Dry Fert, AC 600 4R No-Til Planter
DRILLS: JD 8300 21x7 DD, JD 8300 21x7 Single Disc Drill, JD 9300 Tandem Drills, Moore 18x6 No-Til Drill, Tye 24x6 Drill, IH 5100 Drill, 21x7 w/Press Wheel And Seed, 510 24x6 Double Disc
GRINDERS/MIXERS: Owatonna 450 w/Scales; Bearcat 1250, NH 352, Farmhand 850 Tandem Axle, Roto Grind Tub Grinder
TILLAGE EQ.: PLOWS: IH 440 3X Plow; White 3X Spring Reset, JD F325 4X, 3 Pt, Hydr. Reset Plow, JD 4X Hyd Reset; JD 3X Rollover Plow; JD 1250 4X Semi Plow, IH 540 4X Semi Plow; IH 700 4 Bot. Reset Plow, JD 1450 6X, JD 145 5x16 Semi Trip Plow, IH 550 5X, MF 65 5X; JD 2600 4X Trip Plow; JD 5X 16" Semi Mount Plow, JD 2500 5X Spring Reset, New Taylorway Pittsburgh 5X 18" Spring Reset, IH 710 5x18" On-Land Hitch Plow, IH 700 4 and 5X Spring Reset Plow, Oliver 546 5X Trip Plow, IH 720 6x16 Spring Reset On-Land, Ford 6X Spring Reset On-Land Hitch, White 508, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset, White 549 5-6x18 Spring Reset, JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, JD 2800 6X On Land, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land, JD 2800 8X Plow, IH 800 10X Plow
CHISEL PLOWS: Athens 6' Chisel Plow, Bush Hog 8' Chisel And Brillion 10' Chisel, JD 1600 10 Pull Type Chisel, Brady 12' Chisel Plow, JD 1600, 12' Chisel Bush Hog 10' w/Buster Bar
DISCS: Bush Hog 245 14' Offset Disc Miller 10' Offset Disc, White 281 12' Offset Disc, IH 770 10' Offset Disk, Like New, JD 110 12' Rock Flex, White 252 12, Miller 12' Offset Disc, Krause 1452 14' Offset Disc, White 15' Offset Disk, White 271 18' Hydraulic Fold Rock Flex Disc, AC 2300 20 Hyd Fold Disc, Case F21 21' Hyd Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, Case DOT 21' Hyd Fold Very Good, Rhino F90B 22' Hy Fold, Rock Flex, JD 230 24' Hyd Fold Disc, JD 330 25' Hyd Fold Disc
MULCH TILLERS: JD 1710 9 Tooth Soil Saver, Willbeck 13, Glenco SS18 Fold Soil Saver, Glencoe 13 Shank Soil Saver Rhino 890 5 Tooth 7' Soil Saver, Like New
CULTIMULCHERS: Dunham Lehr 10' w/Inside Whls, JD F950 12', Brillion 12' Cultimulcher, Real Good JD & Brillion 10', 12', 13' & 15' Brillion WM 360 30' Flat Fold Cultimulcher, Like New
CULTIVATORS: JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator, McKee 4R S Tine; (2) JD RG 4, JD & IH 6R 3 pt., Glenco 6R S-Tine Cultivator, Noble 6R S Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator, JD 20' 3 Pt. Field Cultivator, White 283 20' Hyd Fold Harrow, Brillion 18' Wing Harrow, Brillion 23' Hyd Fold Field Cultivator
MISC: Brillion 24' Hyd Fold Packer, Brillion 25' X-Fold Packer, Brillion 12 Packer, Glencoe 12 Soil Finisher, JD 5 Shank V Ripper, 5 Shank V Ripper, IH 14 9 Shank Spring Reset V Ripper, Brillion 7 Shank V Ripper
INDUSTRIAL: New Arps 740 3 Pt. Backhoe, MF 2200 Dsl. Forklift, As Is, Cat 955 Ldr, As Is, IH 250A Dsl Industrial Loader, JD 401B Dsl Ind
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS; C SOLD Diesel Loader w/Extendahoe; AC 715B L & B, JD 300 Gas Loader Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD 450C Crawler Loader, JD 555 Crawler Loader; JD Winch And 4 In 1 Bucket For JD 450
SKID LOADERS: Bobcat 444, Bobcat 533 D Skid, Case 1530 Skid Loader; Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl
LOADERS & BLADES: JD 48A, 48, 58, 145, 146 w/Grapple, 148, 260, IH 2455 Loader, IH 2350; 2250, Case IH #90 Ldr, Like New, Case 66 Loader, Ford 727 Loader, Ford 720 Loader, NI 504 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc, AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc., JD 155, 9' Heavy Blade w/Hydraulics, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake
LAWN & GARDEN: Ford 1700 MFWD, Ford 1500, MFWD, w/ Ldr, AC 5030 w/Mower & Blade; MF 220D w/Woods Mower; Kubota 6200 Dsl Riding Mower; Bolens 174 4WD w/Belly Mower; Bolens G154 Dsl 4WD, w/3 Pt. Mower And Front Blade, JD 950 w/Ldr; JD (88) 750 MFWD, Cub Cadet 582 w/Ldr And Mower; Hetty F 27 HP Tractor w/3 Pt., Farmall Cub w/Mower, Cub 184 w/Mower & Creeper Trans, Cub 185 Lo-Boy; Cub 154 Lo-Boy, With Creeper Trans; 154 Lo-Boy w/3 Pt, Cub 154 w/Ldr; Cub 154 w/Blade, Yanmar 14 HP Dsl, (3) Farmall Cubs w/Mower, Cadet 782, 1100, 1250, And 1650, J D. 910 w/Front Mount Mower, JD 400 w/Ldr And 3 Pt. Woods Mower, JD 318 Riding Mower, 317, 316, 216, 214, 212, 210, 140, (New) Johnson Loader For Cub Loboy, SOLD son w/4 Gang Reel Mo , Snowblower For JD 300 Series, Woods 306 Belly Mower, Like New
New Hanmar YFL 1000 Ldr Schutt 3PT Tree Digger
ROTARY CUTTERS: JD 1508 Wing Cutter, King Cutter 4' Pull Type MC 7' Heavy Duty Mott Mower
SICKLE MOWERS: JD 350, 7 & 9 Ft, NH 450 3 Pt, NH 455 Pull Type Sickle, IH 1300 IH 100 Fast Hitch
MANURE SPREADERS: NI 354 Tandem Spreader, NI 353 Tandem Spreader, JD 660 Tandem Spreader, Martin V3300 Tandem Tank NI 212 Spreader, NI 206 Spreader, NI 12A Spreader

New Killbros Bins & Running Gears
New Killbros 475 Grain Cart

MISC: John Blue 1,000 Gal Tandem Axle Sprayer, 500 Gal Tandem Axle Sprayer, Edwards Hydro Swing, Tree Booms, w/Foot Controls, NI 45' PTO Elevator, Little Giant 28' Elevator, NI 176 32' Elevator w/Motor & PTO, Riteway Rock Picker, 3 Pt Fert Spreader, Farmhand 8' Snow Blower, JD Quick-Couplers JD WF 4WD, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs, Year-Round Cab w/Air For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240
Muv-All 30' Hyd Implement Trailer
J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc.

STRAW CHOPPERS: For J D 4400, 6600, 6620, 7700, M F 510

MECHANICS SPECIALS: TRACTORS: 4020 Tri
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TRACTORS	
(70) JD 5020	$ 4,500
I H 1206 W.F E	$ 5,550
IH 1086 C A	$ 8,900
COMBINES	
Case 1660 Gas w/6 Row And 13'	$ 1,950
1973 JD 6600 D C A w/Grain Head	$ 3,950
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M F 510 Diesel w/Cab & Q T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
JD 4400 Gas	$ 3,900
MISC.	
JD 38 w/2R Corn Head	$ 1,000

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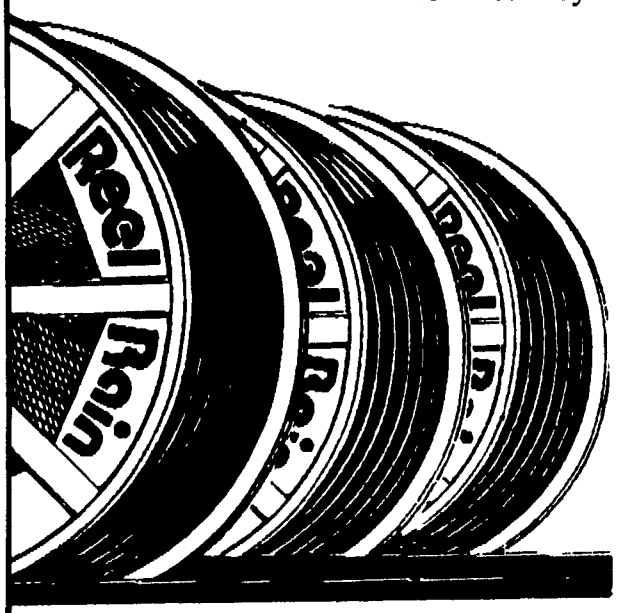

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AC 185 w/Ldr.
Ford 6610 w/Mower
Ford 3000 D
AC 7000 w/ROPS
Ford 4000
B 7100 HFD w/60" Mower
Massey Ferguson
IH 284 w/Ldr.

TRACTOR LOADER BACKHOE
NH 454 Skid Loader
AC 540B Art Loader
NH 445 Skid Loader
Case 480C

PLANTERS
DA385, 6 Row
AC 333 No-Til, 4 Row

SPREADERS
NH 307
NH 519
IH 575

FORAGE EQUIPMENT
Hesston Side Dump
7140
Hesston 7155 Harrow w/2R Corn Head
IH 18" Bottom Plow

MOWER CONDITIONERS
NH 1495 Haybine w/Head
(2) NH 495 12' Haybine
NH 489 Haybine
NH SOLD bine
890 A Auger Base
890 WPU
NH 489 Haybine

RAKES
351 H

MISCELLANEOUS
NH #8 Wagons
Badger 716 Forage Box
NH 358 Grinder Mixer
Brillion Cultimulcher, 15'
NH 354 Grinder Mixer
Hesston 7140 w/2 Row Head and WPU
Cat 933 Crawler Loader
Rock SOLD 5' Loader Mount
Bearcat Flail Chopper

MOWERS
Woods LM59
Triumph Hydro Clipper
Woods M84, 3PT
RC 72F 24" Mower Deck
Ford 907 Flail Mower

LAWN & GARDEN
JD 400 w/Mower
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Cub Low Boy 154
JD 912 F w/Mower
Simplicity 4041 Tractor w/Mower
Case 155 Tractor w/Mower
Kubota B7100 HFC w/Mower
AC 310 w/42" Mower
AC Big 10 w/40" Mower
Honda 250 2WD w/Blade
Ford LTD 11 H.P.
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AC 720
Sears LT 10/36 w/Snow Blade
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NH 315 w/70 Thrower
NH 310 w/Motor Thrower 75
NH 320 w/Thrower
NH 276 w/Thrower
(2) NH 269
NH 90 Bale Handler
NH 311 w/Motor
NH S68
NH S67
NH 320 w/Thrower
NH 271 Baler
NH 320 Baler w/70 Thrower
JD 336 w/Engine

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NH TR86
IH 91 w/Grain Head
JD Model 55 w/2 Heads

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Woods Mower 72" Belly Mtd. For 1910 Ford
NH Grinder Mixer 358
Ford 768 Loader
Sweepster 3 Pt. Broom
NI 35' Elevator
Ford 906 Pull Type Cutter
Ford 309 4 Row Planter
Grain Auger 6"x16'

HAY & FORAGE
NH 489 Haybine
NH 38 Crop Chopper
NI 325 2 Row Corn Sheller
NH 488 Haybine
NH 479 Haybine
NH 30 Forage Blower
NH 283 Baler w/Thrower
NI 272 Cutditioner
Lely 3 Pt. Rake Tedder
JD 24T w/Kicker

TILLAGE
Ford Demo Soil Saver 9 Teeth
New Wilrich 10 Tooth Chisel, 3 Pt.
Ford 152 6 Bot., Auto Reset
Ford 151 4 Bot. Cushion Trip

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Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 955 Hrs. 24" Bucket
Ford 4500 TL Dsl.
Ford 3550 TL w/Torque Converter
Ford 555A TLB w/Rops, Nice
Dresser TD7C, Dozer, w/Rops
Ford A64 Wheel Loader

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Ford 6600 Diesel Dual Power Royal Cab, Weights Front & Rear 2 Remotes
Ford 8N & 9N Tractors
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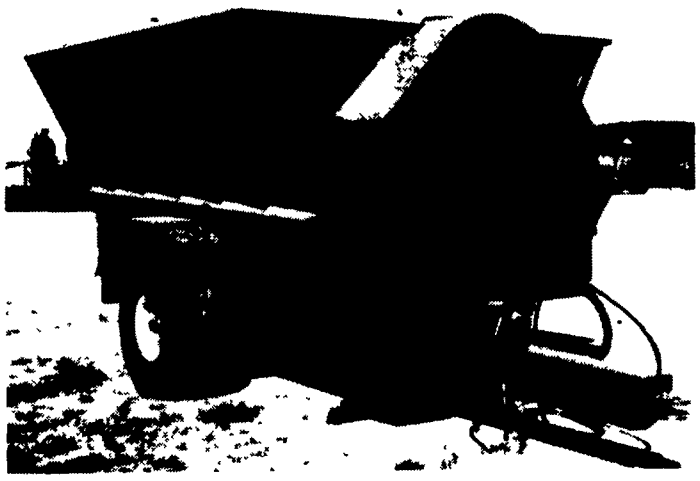

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JD 6600 LL $11,000
JD 6620 SH $25,000
JD 6620 SH $35,000
JD 6620 SH. $45,000
JD 6620 SH.. SOLD $55,000

TRACTORS
JD 2640 w/Loader
JD 4320
JD 4250 MFWD, PS, SGB
JD 2240 w/loader
JD 755
IH 300
Kubota L3750 w/loader
Kubota L345 w/loader

COMBINES
(4) JD 215 Flex
JD 216 Flex
13' Quicktach
(2) JD 213 Rigid
JD 643
JD 643
JD 444
JD 443

TILLAGE
JD 925 10' Roller Harrow
JD Killifer Disk
JD KBA Disk
Brady 12' Chisel Plow
(2) JD F125 4 btm.
Massey Harris 1 Btm. Plow
Athens chisel plow, 9 tooth
MF 4 btm. Plow
(2) IH 8' Disks

HARVESTERS
IH 650 w/2R & 5' pickup
JD 1R head
JD 2R head

MISC.
Schuler 125 bunk feeder
JD 300 Husker w/2 Row Head
BC 165 Bu. Gravity Box w/gear
4 Row Cultivator

PLANTERS
JD 7000 6R w/dry fert.
JD 7000 6R w/lq. fert.
AC 500 4 row notill

BALERS
JD 346 w/ejt.
(3) JD 336 w/ejt.
(2) JD 224 w/ejt.
JD 24T w/ejt.
JD 24T
JD 14T w/ejt.
NH 846 round baler
NH 273
NH 268

MOWERS
JD 27 Flail Mower
Woods P72
Woods Cadet 60

HAYBINES
(2) JD 1219
(2) JD 1209
JD 1327 Discbine
Vicon Discbine 281
NH 479
NH 489
NH 495 w/Transport
MF 81

CHUCK WAGONS
JD 115
Papec
(3) JD 125
(2) IH 51

GRAIN DRILLS
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JD 8300 18x7 w/grass seeder & double disc

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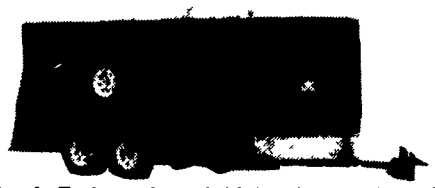
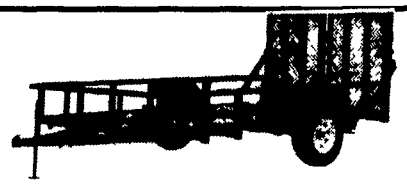


Stock Trailers Are 7' high with reinforced fiberglass roofs



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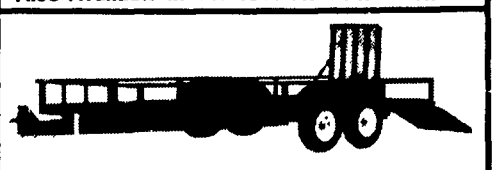

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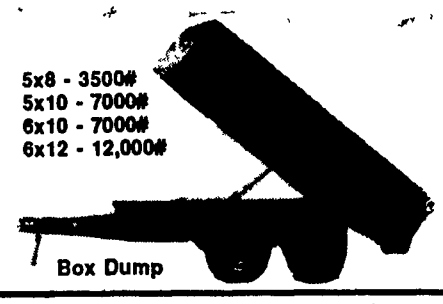
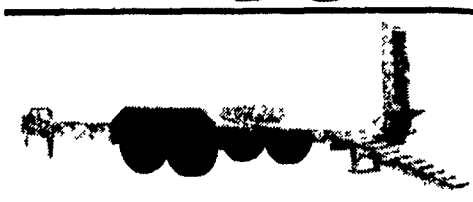


Box Dump



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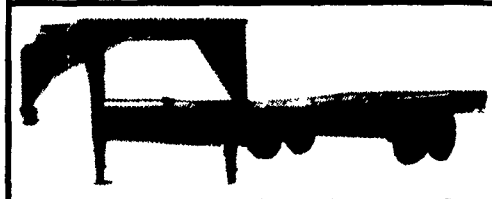

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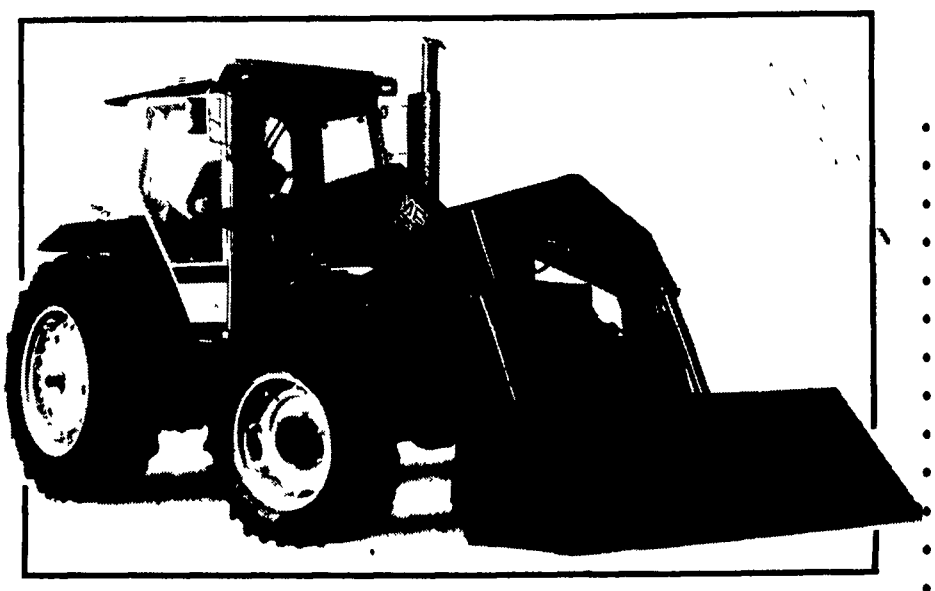

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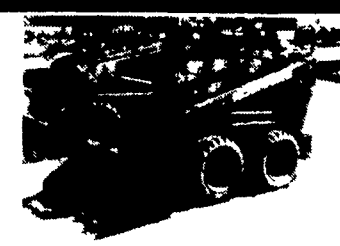

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Case 1030 With Cab, 3 Pt., 540 PTO, 18.4x34's, Straight & Clean, 100 HP.

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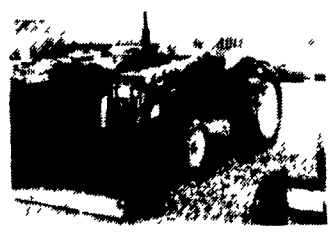

International 444 Diesel With IH 1550 Loader, 14x28", 540 PTO, 1 Remote, 3 Pt., 40 HP.

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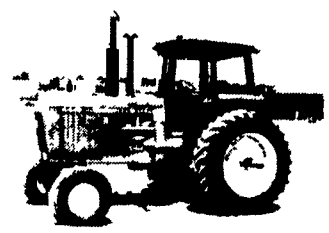

John Deere- 1982, 4440 Cab, Air, Powershift, 18.4x38 Dyna Tourque Radials, Very Nice.

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JD 243 Corn Head.....$2,250
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Gehl FB 87 Blower.....$595
65 Gal. 3 Pt. Sprayer- New.....$795
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NH 308 Side-Delivery Manure Spreader- New.....$5,900
NI 10 Manure Spreader.....$795
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NI 212 Manure Spreader.....$2150
NI 217 Manure Spreader.....$2450
NI 218 Tandem Manure Spreader.....$2850
(2) JD-N Manure Spreader.....$795-$1495
(3) Cub Manure Spreader.....$495-$695
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JD Loaders 145, 148.....$2950-$3150
IH 2200 Loader.....$2150
Ford 770A Loader- Plus Others.....CALL
(5) Set Of Duals-Various Types.....CALL
(16) Manure Forks.....CALL
Cabs- AC 7000- JD 4020.....Call
Woodsplitter- 3 Pt.....$425
Wood Chipper- Royer, 3 Pt., 8".....$2450
IH 12' Stalk Chopper.....$2000
United 14' Stalk Chopper.....$2900

ROTARY MOWERS

Woods RM48.....$595
Ford 909- 5' Pull Type.....$895
Bush Hog- 6', 7'.....Call
AC 6' Pull.....$995
Woods 6' Pull.....$1500
Woods 214-14'.....$2500
Bush Hog 13' Batwing.....$3500
- King Kutter Rotary Mowers- New 4', 5' And 6' 3 Pt. And Pull Type.....$595-$995
- King Kutter Finish Mowers- New 4', 5', 6' & 7'- 3 Pt.....$995-$1295

JD 300 Husker with 3 row head
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- JD 2640, 2WD, Rack & Pinion Axles, 16.9-28, 3831 Hrs.
- JD 2355, 2WD w/245 Loader, Canopy, Dual Outlets, 729 Hrs.
- JD 950, 2WD, Ag Tires, 630 Hrs.
- JD 40, Wide Front, 3PT Hitch, PTO, S# 64679
- Farmall 450 Tricycle, Average Shape
- Farmall 560 Tricycle, Fair Shape
- MF 165, Diesel, New Brakes & Clutch w/Kelley Loader
- Ford 1500, Diesel w/Flail Mower, 434 Hrs., 2WD, Turf Tires

HAY EQUIPMENT

- JD 1219 Mower Conditioner, Non-Clog Guards, Very Good
- JD 1209 Mower Conditioner, Priced To Sell
- NH 489 Haybine, Rolls Poor, Fair Shape
- NI 279 Cutditioner, 540 PTO
- NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
- NH 268 Baler w/Ejector
- JD 640 Hay Rake w/Dolly Wheel
- NH 890 Forage Harvester w/5¼ Pickup & 2 Row Wide
- NH 478 7' Mower Conditioner, Knife w/Bolt on Sections
- NH 717 w/Low Profile 1 Row Corn Head 5' Hay Pickup & Direct Cut Hay Head

PLANTERS

- AC 333 4 Row, Air Champ., Dry Fertilizer
- AC 600 4 Row, Plate Planter, Dry Fertilizer, Fair Shape
- AC 600 9 Row, Plate Planter, 9 Row Monitor, Liquid Tanks

SPREADERS

- JD 450 Hydra. Push, Single Axle, End Gate, Nice
- JD 680 Web Spreader, Tandem Axle, End Gate, Very Good
- NI 214 Web Spreader, Single Axle, End Gate

COMBINES

- JD 3300, Gas Combine w/10' Platform
- *PAY ATTENTION:* JD 6620 Side Hill Titan II, New in '89, Still Has Factory Warranty, 187 Hrs. w/215 Flex Head. This Combine Is Loaded With Features & Is Looking For A Home!
- JD 4425, 378 Hrs., Also Loaded With Features, Has A New Factory Warranty, Call Today!
- JD 215, Flex Head, Black Reel
- JD 244 Corn Heads

USED EQUIPMENT

FORD

TRACTORS
Case 350 w/6-Way Blade
8N Ford (L)

SPREADERS
NH 330, Triple Beater

HAY TOOLS
NH 275 Baler w/Thrower
NH 411 Discbine (L)
IH 440 Baler w/No. 10 Thrower
JD 10 Side Mtd. Mower

TRACTORS DISMANTLED FOR USED PARTS
Oliver 550
Oliver 77
Oliver 1650
Oliver 1955
Oliver 1750

GRINDER MIXERS
IH 1250 Grinder Mixer
NH 357
Roskamp Roller Mill

FORAGE
NH No. 23 Blower
NH 30 Blower
NH 718 2-Row Forage Harvester
Hesston 7020 w/2 Heads
Gehl 72 6-Ft. Flail Chopper

TILLAGE & PLANTING
IH 455 4 row Planter
IH 400 4 Row Planter
Oliver Drag Type Harrow

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Ford LT11 Lawn Tractor
Simplicity 4212 Lawn Tractor w/Mower
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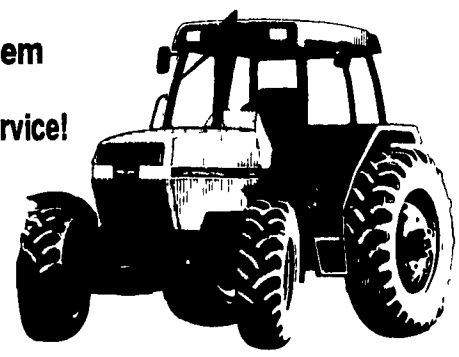

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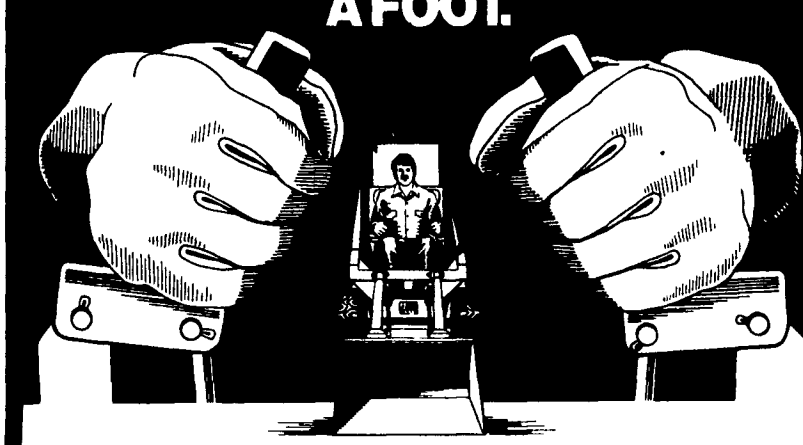

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- Case 995
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1370 w/Cab
- IH 2500A Tractor
- White 2-105 Tractor w/Cab
- David Brown 990 w/Loader
- David Brown 990
- David Brown 1210
- Int. 544
- Int. 656 Gas
- Int. 826 Tractor
- Agri Power 8000
- Ford 8N
- Ford 2000 w/Side Mounted Industrial Mower
- Hesston 60-66
- MF 2775 Tractor

LOADERS

- Case 450 Dozer
- Case 1530 Uni-Loader
- Case 1825 Rental
- (3) Case 1835B Uni-Loaders, Diesel
- Case 1830
- Case 1845 Diesel
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- Case 1830 Uni-Loader
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- Owatanna Skid Loader—$1,500
- Cat 933 Loader

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- Ford 5-Bottom Plow
- JD 2600 4-Bot. Plow
- Int. 6500 11-Tooth Soil Saver
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 16 Ft. Wing Disk
- JD 10 Tooth Chisel Plow w/Buster Bar
- Kawanee 10 Ft. Disk
- Oliver Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- Int. 234 Picker
- Case 1660 Combine w/Flex Head And 6-Row Cornhead
- Badger Forage Box
- (2) Papec Forage Boxes— $200 ea.
- (2) JD 214 Forage Boxes
- Papec 35 Pull Type Harvester, 2 Row Wide

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- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 3700 Tedder/Rake
- Hesston 1010 Windrower
- (2) Hesston 1014 14' Windrowers
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Hesston 300 Windrower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 499 Haybine, Like New

MISCELLANEOUS

- NH 36 ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- NI Blower
- Automatic Roller Mill
- Peerless Roller Mill
- Farmaster 150 Mixer
- Scavenger 1263 Manure Spreader
- Scavenger 1674 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NH 353 Spreader
- HM 1674 Spreader
- 1257 Martin Spreader, Like New
- Gehl 350 Spreader
- Gehl 250 Spreader
- NI 243 Spreader
- JD 54 Spreader
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- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Till Drill
- JD FB-B 17 DD Drill
- (2) JD 8350 DD Grain Drills
- JD 8300 Drill— Soybean Special!

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- JD 1240 6-Row Planter
- IH 4-Row Corn Planter

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- Farmall Super C Tractor w/ Cultivator
- Hesston 4600T Baler w/4600BT Thrower
- Case 1816C Skid Loader w/Bucket And Fork
- NI 406 Hyd. Drive Hay Rake
- Farmhand 817 Feed Grinder
- Case 308 3-Bottom Plow
- 363 Manure Spreader Box w/ Single Beater
- Woods Cadet "Bush Whacker" Mower
- David Brown 990 Tractor
- JD 8250 Grain Drill
- Hesston PT10 Haybine
- Case 2290 Tractor
- Case 6-Bottom Plow, #400-500
- Glenco P-18 Field Cultivator, 13½ Ft. w/Buster Bars
- NI 106 Spin Spreader
- Case IH 4494 Tractor
- 415 15-Ft. Packer Mulcher
- Case IH 475 17½ Ft. Disc

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IH 1066, 2400 hrs.....$11,500
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IH 766 new TA.....$9,900
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Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 82, 80, 76, 74 JD 7720, 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66 Oliver 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads

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1979 JD 4400 diesel, choice of heads
IH 915 hydro, diesel w/6R, 4R & grain
IH 93 w/10' grain
1976 AC M hydro, diesel, w/JD 215 flex & choice of AC flex 6R or 4R

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JD 55 w/12' Grain, $2,000
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AC FKS dsl w/heads $7000
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
Gleaner E 10' grain
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MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 410 diesel quick tach w/ heads
MF 410 gas w/heads
(4) MF 410 diesel w/heads
MF 510 diesel, hydro w/ heads
MF 410 dsl., hydro w/heads
MF 300 gas w/heads
MF 300 diesel, quick tach w/ heads
MF 35 S/P w/8' grain head
IH 93 w/10' head, nice
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 715 hydro diesel w/grain & corn
NH 1500 cat dsl. big rubber, grain & corn heads
NH TR70 Ford diesel, choice of heads
NH TR70 V8 Cat diesel hydro, big rubber, choice of heads
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $4,500
NI 702, V6, uni w/sheller & combine
Oliver/White 7600 w/quick tach heads
Oliver 525 cab, 10' grain & 2R corn

TRACTORS
Cat 933 F series crawler loader
MM 5 Star, 3PT, PS
Massey 33 w/loader
Massey 30, nice
Kubota B6000 E, lawn type, diesel, w/3PTH
Case 1740 diesel skid loader, $2,500
Case SC w/loader, nice
Case 430 w/loader
1952 Ford 8N hour meter, real solid tractor
1952 Ford 8N, new tires w/ step up
IH 1456 diesel, WF
IH 856 dsl. WF
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 340 low utility WF, PS
IH 450 w/power steering
JD 3020 dsl p. shift, WF
JD 2010 gas 3PT
JD 630 w/3PT, nice
JD 40 w/WF, 3PT, nice
(3) JD A late models
(2) Farmall Super H, good paint
IH 3444 ind. diesel w/loader & 3PT, $5,500
AC WD, gas
AC HD5 crawler/loader
AC C w/side mtd mower
AC D19 diesel, WF
AC D19 diesel, NF
AC D19 diesel, WF, 3PT
AC D17 diesel, WF & loader
AC HD5 diesel crawler loader
Farmall A w/loader
Farmall Super MTA
Farmall 230 w/fast hitch
1939 Farmall H, $1175
Farmall Super MTA
Farmall H
(3) Farmall F14, 2 w/ mounted plow
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 77 gas
Oliver Super 66 WF
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver 60 & 66, nice
Oliver OC3 crawler w/PTO & pulley
Oliver crawler w/roll guard
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IH 504, power steering, 3PT
IH 400 Dsl w/power steering
C Allis w/belly mower
Ferguson 30, 3PT, $1,950
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Super C w/fast hitch

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NI 214 w/gate
NI ground drive, nice

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Brillion 6' pull type
Ford 7' 3PT

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IH 990 9'
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IH 225 10' SP w/IH water cooled motor w/¾ cab
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JD 1209 9'
JD 1207 7'
JD 640 rake
JD 3PT mower, nice
(2) NH 495, 12'
NH trail type mower
NH 12' hydro-swing
NI 7' flailbine

BALERS
NH 847 round baler, 4' bale
NH 850 round baler, $2450
NH 852 round baler auto wrap
NH 276 w/thrower, $3500
NH 275 w/thrower, gone over
JD 24T w/thrower
Hesston 5600 round baler, $3,975

MISC.
(3) IH semi & trailer belt drive
IH fits H or M loader
IH fast hitch mower
JD 4R tool bar cultivator, $375
JD 350 3PT mower
NH 456 pull type mower w/ crimper hitch
NI 3PT mower
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IH 1150, real nice

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NH 36 flail chopper
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(2) JD 16A 6' flail chopper
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AC 780 2R chopper w/ pickup
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MF 65
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Snow blades for loader or front mounted
JD 46 loader
JD 45 w/mts.

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1986 JD450-E Dozer $32,000
1988 JD550-G Dozer..... $42,000
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1976 JD310-A with Cab..... $17,000
1979 Case 480-C with Cab, 2200 hours..... $15,500
1979 Case 580-C with Cab..... $15,500
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1966 Ford 3400 with Loader, no 3 point hitch $4,000
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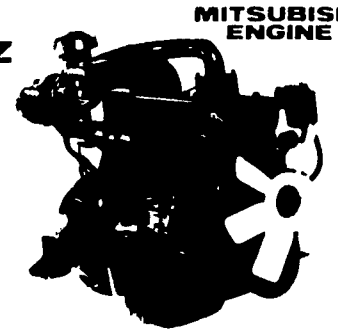

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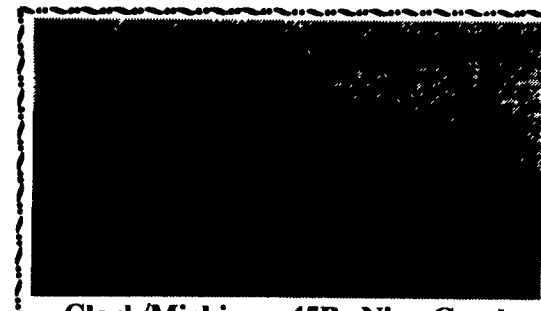

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MF 135 diesel w/new engine block, good rubber
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Oliver 1850, diesel, w/good rubber
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Engine parts for 478 GMC diesel.
62 HP Perkins diesel w/torque converter
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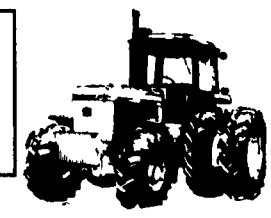
QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & AVAILABLE WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN DELIVERY AVAILABLE



Tractors

1984 JD 4850 MFWD duals & weights
JD 4640 cab, air, quad, rebuilt engine
1981 JD 4440 cab, air, quad
1980 4440 cab, air, quad
1982 JD 4240 power shift, very nice
1980 JD 4240 cab, air, quad
JD 4040 quad, cab, air, very nice
JD 2640 1982 model w/JD 146 loader
JD 2640 w/hi lo, cab, complete engine overhaul and 145 loader
JD 4[SOLD]ab, air, power shift, 1977 model, nice
JD 4430 cab, air, quad
JD 443[SOLD] w/year round cab, very nice
JD 4230 quad, cab & air
JD 4030 gas, WF, fender tractor
JD 2630 w/hi-lo, very nice
JD 2630 w/reverser, cab, recent overhaul
JD 4320 w/fac. cab
JD 4320, cab and air
JD 4020 diesel, WF, synchro
JD 2020, gas utility w/roll bar
JD 950 diesel, 800 hrs. w/deck
(2) JD 420 lawn & garden tractors w/60" decks & power steering. Both less than 200 hrs.
Case IH 1989 model 7110 Magnum w/170 hrs., 2 wheels
IH 3088 radials, '84 model
IH 1486, red power, 2600 hrs., cab & air
IH 1486 factory cab & air
IH 1086 factory cab & air
IH 1086, ROPS
(2) IH 986, cab & air, new TA
IH 986, ROPS
IH 886, fac. cab & air, radials
IH 1566, cab & air, '75 model, rebuilt engine
IH 1566, red cab w/air, 20.8x38 tires
IH 1466 red cab w/air
IH 1466 w/year round cab, nice
IH 1466 fender tractor
IH 1066 w/fac. cab, very nice, low hrs.
IH 1066 fender tractor w/rebuilt engine
IH 966 w/cab
IH 766 w/year round cab, nice
IH 766 fender tractor, 1975 model, w/recent engine overhaul
IH hydro '86, WF, 3PT
IH 674 diesel, very nice
AC, CA, NF
MM diesel G-VI, 80HP, cheap power

Ford 4000D loader, hoe w/3PT & shuttle trans.
JD 450C w/6 way blade

Heads

MF 1163, 6RN
MF 1143 4RN corn head
MF 1859 13' & 15' flex heads w/Ull reels
MF 13' grain head
(2) IH 863 6RN
(2) IH 820, flex 13'
JD 443, 4RN
JD 443, low profile, 4RN
JD 643, 6RN
JD 216 flex
JD [SOLD]x, '86 model, very nice
JD 213 flex
JD hay pickup head, 5½'

Uni Systems

NI 708 hydro, cab, air, w/rear wheel assist., late model, low hrs., very nice
NI 708 hydro, cab & air
NI 702 gas w/cab & air
NI 702 V-6 gas w/cab
NI 813 & 815, flex heads
NI 711, 713 & 715 grain heads
NI 710 combine, good machine
(2) NI 717 combine (1 late model)
NI 767 Super chopper used 2 seasons, very nice
NI 767 Super chopper w/3RN and hay head
NI 768, WN, 3R chopper head
NI 728 and 738 4RN heads
NI 2, 3 & 4R heads wide or narrow
NI 727 husker & 737 husker

Implements & Misc.

NH 1880 self propelled chopper, diesel hydro w/3RN & hay head, mechanically sound older unit
IH 450, 4 bottom, 16" auto reset, fully mounted
Leon 10' front mounted blade for IH tractors
NH 667 tank spreader
Owatonna 345 skid loader
Case 1845C skid loader, diesel, 700 hrs.
Case 1845 B skid loader, diesel
Cabs for IH 706 thru 1466
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Complete rebuilt M&W Turbo kit for IH 856
Wilrich 9 Shank Chisel w/Front Cutter Blades
NH 519 spreader w/end gate
JD 1610 pull type spring tooth chisel
JD KBA disc 8'

Combines

IH 146[SOLD] model, very nice
IH 715 gas hydro w/air & 833 3RN & 810 13' grain head
MF 860 V-8 hydro, air, 1982 model
MF 750D, cab, air, hydro, nice
MF 550 diesel, hydro, air, very nice
JD 6600 404 diesel w/air hydro, very nice
JD 6600, diesel, air, 1976 model, nice
JD 4420 reverse feeder, very nice

Used Parts

IH 544 diesel, hydro Farmall
IH 504 Utility
IH 856 Diesel
IH 706 Diesel
IH 1256
IH 70 hydro
IH 806 Diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 Combine
IH 706 Gas Tractor
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- Case IH 6500 11 Ft. Consertill
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.

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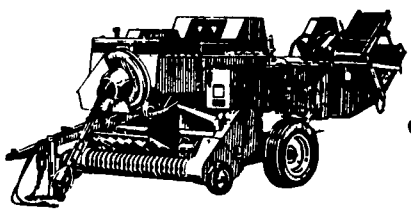

- Case IH 8520 Twine Baler w/Thrower
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8420 Round Baler
- Case IH 8430 Round Baler
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8830 12 Ft. Self Propelled Mower Conditioner
- Case IH 8360 12 Ft. Hydroswing

Case IH 385, 2WD, Shuttle Shift
Case IH 485, 4WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift, Heavy Duty Front Axle
Case IH 685, 4WD, Shuttle Shift (Demo)
Case IH 1818 Diesel Uni-Loader - Must Move!
Case IH 1825 Diesel Uni-Loader
Case IH 1845C Uni-Loader - New 60 Hp Model In Stock

NEW! CASE 1840 UNI-LOADER IN STOCK!

Case IH 145 Rollover Plow, Auto. Reset- In Stock
Case IH 475 Disk Harrow, 11'6 Cushion Gang, 7½" Spacing

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7110 4WD - Just Arrived!

Case IH 496 24' 10 Disk Harrow
Case IH 496 18' 7 Disk Harrow
Case IH No. 10 Sub-Soiler, Manual Reset
Case IH 415 Packer Mulcher, 12'2 & 13'2
Case IH 183 6-Row Cultivator
Case IH 530 Spreader
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 1043 Cornhead, 4 Row
Case IH 1063 Cornhead, 6 Row

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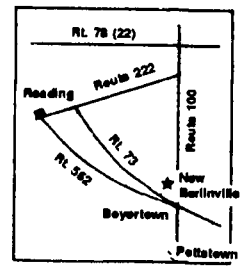

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JD 401C Ind., Reverser Trans. w/Loader..$13,500

JD 4010 80-HP Dsl., ...$ 7,500

JD 3020 70-HP Dsl., Complete Overhaul.....$ 8,950

IHC 884 70-HP Dsl., Utility, T/A.....$11,500

JD 2640 70-HP Dsl., Utility, 16-Speed..$12,900

JD 2940 80-HP Dsl., 16-Speed.....$16,900

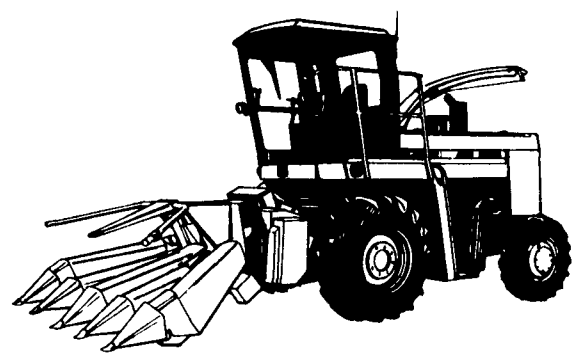
JD 4630 150-HP Dsl., Quad Range, Dual Whls.....$25,500

Case IH 3394, 165-HP, MFWD, Power Shift $39,500

FORAGE EQUIPMENT

New Equip. - In Stock

JD 3950 Pull-Type w/Elec. Controls
JD 3970 Pull-Type w/Elec. Controls
JD 5730 225-HP Self-Prop. w/Power Rear Whl. Drive
JD 5830 290-HP Self-Prop. w/Power Rear Whl. Drive



Special Terms - New Equip.
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Used Equip.

JD 5400 S-P Harvester w/Cab, 4-Whl. Drive	~~$31,500~~ $29,000	JD 216 Forage Wagon w/JD 1065 Running Gear	~~$ 2,750~~ $ 2,250
JD 3960 Harvester w/Elec. Controls	~~$ 9,950~~ $ 9,250	JD 940 Forage Wagon w/Gehl 1056 Running Gear	~~$ 3,500~~ $ 2,950
JD 3800 Harvester	~~$ 3,150~~ $ 2,750		
JD 35 Harvester w/1-Row, 5½ -Ft. Hay P.U.	~~$ 2,250~~ $ 1,750	JD 16A Flail Chopper	$ 1,950

HAY EQUIPMENT

JD 346 Baler w/JD 30 Ejector.....$ 4,500

JD 337 Baler w/JD 30 Ejector.....$ 7,950

JD 348 Baler w/JD 40 Ejector, Like New $12,900

OMC 596 Round Baler .....$ 6,500

JD 1219 9 Ft. Mower-Conditioner .....$ 6,850

NH 489 9-Ft. Mower-Conditioner .....$ 4,150

Hesston 1010 10-Ft. Mower-Conditioner .....$ 2,250

Kuhn GRS24 Rake & Tedder .....$ 1,600

USED COMBINES

Special Terms
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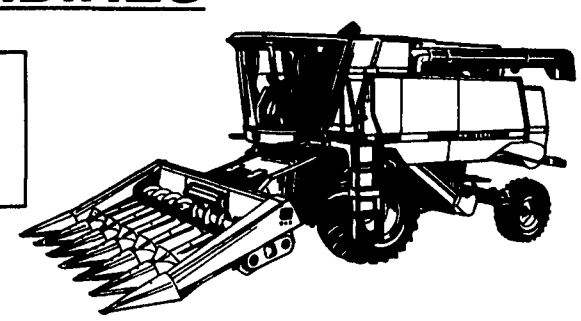

MF 860 w/Cab, Hydro 15-Ft. Flex, 6R30 ..... $40,500

IHC 1460 w/Cab, Hydro 17-Ft. Rigid, 16-Ft. Flex, 6R30 ..... $56,500

Case IH 1660 w/Cab, Hydro, 15-Ft. Flex, 6R30 ..... $65,500

JD 4425 w/Cab, Posi-Torq., AHHC, Monitor $41,900

JD 7720 w/Cab, Hydro, AHHC, Monitor $31,900

JD 4420 w/Cab, Posi-Torq., Monitor..... $19,500

JD 6600 SH w/Cab, Hydro $15,500

JD 7700 w/Cab, Hydro, AHHC ..... $ 9,700

JD 7700 w/Cab, Posi-Torq., AHHC ..... $ 8,500

MISC. EQUIP.

JD FBB 15x7 Fert./Grain Drill ..... $ 1,950

JD 8200 18x7 Grain Drill ..... $ 3,250

Woods 15-Ft. Bat Wing Mower, Like New ..... $ 7,450

Krause 5200 13-Ft. No-Til Drill, 21 Openers..... $10,500

Krause 5200 13-Ft. No-Til Drill, 21 Openers, 392 Acres..... $13,500

JD RG40 3 Pt. Cultivator ..... $ 1,150

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JD 4020 diesel wide front end, 16.9x38 tires, weights $6,750
JD 3020 Diesel, wide front $4,900
Satoh Beaver 4WD w/Blade $2,200
JD 4020 Diesel (1967) Year-A-Round Cab $6,800
Ford 4000 Gas, PS, Nice $4,100
MF 135 Gas, PS, w/loader, nice $5,300
IH Cub w/hydra SOLD model $1,300
Ford 3500 Diesel, Tork Convertor, 3 pt. w/loader $4,200

TILLAGE EQUIPT.

IH 800 4x36 Air planter, dry fertilizer monitor $3,300
6RW Danish Tine Cultivator $800
4RW Danish tine cultivator w/shield $1,050
IH 710 4x16 spring reset plow $1,450
White 253 disc 12' $1,050
JD 550 field sprayer 500 gal. $950
Brillion 12' cultimulcher $1,250
AC 6x30 rolling cultivator $950
White 348 3x16 spring reset plow $1,650
JD F345 4x16 Reset Plow $1,050
JD 217 Grain Drill 21x7 DD press whls $1,850
JD 1450 5X Plow w/coulters $800
JD 310 plowing disc 13' nice $2,950
IH 4500 18' field cultivator, pull type w/wings $1,800
AC 16' field cultivator, pull type with wings $1,250
JD 110 disc 12' $1,250
Brillion 12' Crow Foot Cultipacker $750
John Blue 300 Gallon Sprayer $850
AC 21' field cultivator, hydarulic fold, pull type $1,450
JD 7000 4x36 plateless planter, no till insecticide, liquid fertilizer $3,300

HAY EQUIPT.

NH 851 Round Baler $2,800
NH 310 baler super sweep $2,450
NH 456 mower nice $1,250
Nicholson ground drive tedder $600
NI 752 crimper $500
JD 660 rake w/dolly wheel $1,450
NH 273 Baler SS $1,450
NH 489 Haybine $3,200
NH 477 Haybine $2,300
JD 1207 Haybine, nice $2,400
JD 24T baler w/thrower $950
NH 472 haybine $2,800
NH 256 rake $1,350
NH 467 Haybine $1,500
NH 489 Haybine, very nice $5,500
JD 1209 MOCO, Hydraulic tongue, very nice $3,200
NH 278 baler w/thrower $2,800

MISCELLANEOUS

JD 506 Rotary Mower $650
MF 235 loader w/valve $950
NH 663 tank sp SOLD nice $1,100
IH 2000 loader SOLD $1,200

FORAGE EQUIPMENT

NH 892 Harvester, electric controls, 2 RN $4,850
NH 707 Harvester $950
JD 3940 Harvester, new knives, nice $4,500
NH 900 Harvester w/3 Auger Base corn head and P/U Head, nice $11,500
NH 782 Harvester N2 Head $4,200
NI 325 corn picker, 8 row late model, SOLD nice $3,900
Gehl 1200 Harvester w/corn head and pickup head $5,200
Gehl 1200 w/2 RW corn head, nice $5,000
Gehl 940 wagon, 2 beater $1,200

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NI 323 rubber rolls, nice $2,850
NI 323 rubber rolls $1,900

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CAT 977K, 1971 model, S/N 11K03457, cab, GP bucket, 50% U/C, $18,500 Call 215-245-2749

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CAT 955L Crawler Loader $18,500
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Miscellaneous: Ford 3 pt mower model 917; Woods C80 mowers, Ford 555 Special loader w/cab; Ford 3600 w/sickle bar; JD 301 w/sickle bar' IH 500 payloader, ½ yd, 2WD.

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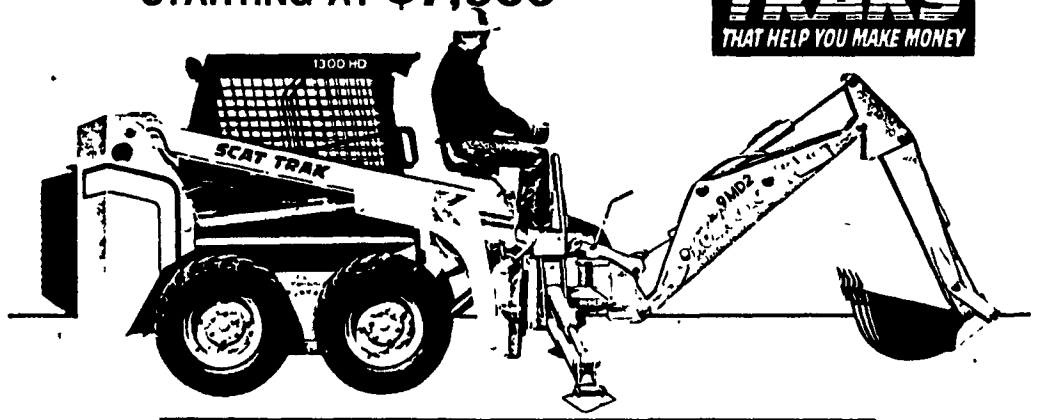

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1954 Pettibone 27C Yard Crane, 6 Cylinder Crysler Gas, 5 Ton Capacity, 16' Reach, 180' Swivel, 10x20 Tires, Only 1641 Hours, Has Been Setting And Never Used Much.

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Now $5,900

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Only $4,800

1969 Cat 983 Track Loader, Cab, 6 Counterweights, GP Bucket With Teeth, Runs Out Good.

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1987 Essick 1½ Ton Vibratory Roller, Very Good Condition.

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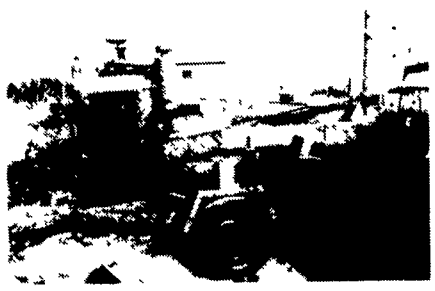

Wayne SK65 Stump Grinder- Runs Good, Gas Powered.

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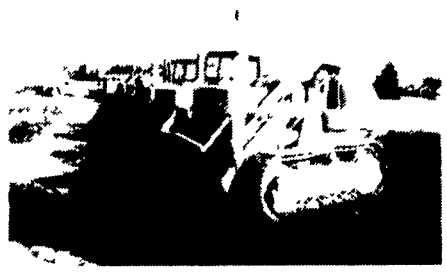
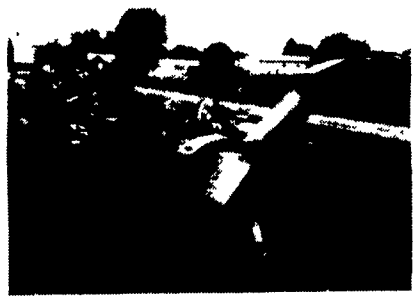
1978 Melroe Clark 533 Diesel Skid Steer Loader, ROPS, Rebuilt Engine.

Was ~~$5,900~~
Reduced To Sell $4,900



1973 Cat 955L Crawler Loader, 85% Undercarriage, Recent Motor Rebuild, New Paint, A Good Buy, And A Good Machine, GP With Teeth.

Was ~~$29,500~~
Now $24,500



Mitts & Merrill 3 Pt. Woodchipper, PTO Drive, 8" Throat, Very Good Condition, Used Very Little.

$3000

IH 3082 3 Point Backhoe.

~~$2,850~~
Now $2,500

6 Other 3 Pt. Backhoes In Stock

Case 480E Tractor Loader Backhoe, Put In Service In 1987, Cab, 744 Hours, Like Brand New Condition Front To Back.

~~$28,500~~
Now Only $22,500

1969 Case 350 Loader- Runs And Operates Decent, Looks Good, Fair U/C.

Only ~~$8,750~~
Reduced To $7,900

NEW 1990 TRAILERS ON SPECIAL

- 2 Axle, 5 Ton, 14 Ft. $1,795
- 2 Axle 5 Ton, 16 Ft. $1,895

(13) DOZERS

IH 500 Diesel 6-Way $3500
JD 440 ..... $6500
JD 350B $8900
Cat D3 6-Way $11,900
Case 450 ..... $12,500
(2) Cat D4D .... $9500-$13,500
Case 450B-6 Way $18,500
JD 450D-6 Way .. $25,000
Cat D5B $29,500
JD 450E $29,500
IH TD 25C w/Ripper $49,500
Case 450B 6 Way LGP 1980 ..... Call

(9) FORKLIFTS

IH 2400 ..... $2900
White 4000 lb. $3900
IH 2504 ..... $4900
White 40 LP $5900
JD 480B-21' $9500
Clark 8000 lb. Gas $11,500
Komatsu FG40 1980 8000 Lb. & Triple Mast $14,500
Case 586C $18,500
Sellick Teleporter-1984 247T. 4WD. Forks & Bucket $22,500

(18) CRAWLER LOADERS

MF 400-4 In 1 ..... $5900
Case 350 ..... $7900
(2) JD 450 ... $8900 to $9900
JD 350B w/Winch $10,500
(2) Case 450 ..... $5900-$10,900
IH 125C $10,900
Case 1150B $11,900
Cat 931-Cab $12,900
JD 455-Cab-Hoe $19,500
JD 555 ..... $19,500
Cat 941B $21,500
Cat 955L $23,500
Case 455C $29,500
Case 855C $29,500
Cat 977L-Ripper $36,500
Cat 983 w/Cab $39,500

(6) LOG SKIDDERS

Tree Farmer $2900
JD 440 ..... $3900
Pettibone PT 18 .... $3900
Tree Farmer C5D .. $4900
JD 440A $7500
JD 540B $14,500

(21) BACKHOES

(9) Rigid Hoe Attachments ..... $2500 & Up
(7) 3 Pt. Hoe Attachments ..... $2500 & Up
Case 530CK $3900
Ford 4500 ..... $3900
Case 530CK $4900
MF 300 Gas $4900
Case 580CK $5900
JD 2010 ..... $5900
Case 480CK $5900
IH 2504-Gas $6900
Kubota KH10D Mini Excavator $9500
IH 3600 Ext. $10,500
(2) Case 580B-Cab $10,500
JD 510 ..... $12,500
(2) JD 410 ..... $12,500 to $13,500
Dynahoe Series 3 190 ..... $16,500
JD 410-4WD-1984-Cab $18,500
JD 310B 1986 ROPS $18,500
Case 580 Super E $22,500
Case 480E-Cab ... $22,500
Case 580 Super E $24,500

(15) TRAILERS

Hudson 6 Ton Tag-A-Long $1700
1989 2 Axle 5 Ton $1795
New 4 Ton Dump Trl. $1800
New 5 Ton Dump Trl. $2100
1972 Fruehauf 43' Flat $3500
1983 Eager Beaver 11 Ton $3900
35 Ton Lowboy $4250
New 11 Ton Tag $6900
New 25 Ton Tag w/Air $10,800

(5) TRACTORS WITH LOADERS

Ferguson 20 ..... $3000
MF 40 ..... $5900
Ford 3400 ..... $7900
Ford 335 ..... $8500
IH 260A $9500

(10) TRUCKS

(4) 1953 to 1960 Chevy Pickups .. From $1400
1971 IH 1X Dump . $3900
1972 Chevy 35' Bucket Truck ... $4800
1985 Jeep Cherokee 4x4 ..... $7500
1986 Jeep Cherokee 4x4 ..... $8900
1985 Ford E350 Mini Bus $11,750
1970 GMC Astro w/24' Rollback $15,000

(8) RUBBER TIRED LOADERS

Waldon $7,900
Cat 922B-Cab-Diesel $9,500
Ford A62 ..... $17,500
Cat 920 ..... $19,500
Ford A64 ..... $19,500
JD 544B 1980-Cab-New Tires $24,500
Cat 930 ..... $24,500
Ford-A66 ..... Call

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(100+) Used Hoe Buckets .. Come Look
(75) Loader Buckets .. Come Look
(75) Set Forklift Forks .... Come Look
Ford 4500 Frost Tooth $395
Gearamatic 8G Winch $500
3 Pt. Hitch For Case 580 ..... $695
Cargo C3 Winch ... $1000
JD 640B Log Skidder Blade .. $1000
Root Rake 7' $1400
Ripper $1500
(3) Tree Planters .. $350-$1500
(2) Tree Shearer . $1500-$3500
Giant Leaf Vacuum's ..... 2 For $2000
MM 3 Pt. Woodchipper $3000
Sheepsfoot Roller . $3900
Schramm 160 Air Comp. $3900
Snowblower For Big Loader $3900
Wayne Stump Grinder $3900
(2) Sweepers ..... $600 to $2900
1-2 Ton Vibratory Roller $4900
Huber Maintainer .. $4900
Sheepsfoot Roller . $4900
AC D Grader $4900
Jeager 175 Diesel Compressor $4900
Pettibone 5 Ton Yard Crane $5900
Vermeer Tree Spade 44& On 4x4 Truck $7250
Construction Ramp $8500
JD 760 Scraper .. $13,700

NEW EQUIPMENT

Boom Poles $125
King Kutter Scraper Blades 6', 7' And 8' ..... $225-$995
Seeders- Broadcasters-3 Pt. $395
King Kutter Stone Rakes 4', 5', 6', 7' & 8' ..... $395-$595
King Kutter Post Hole Diggers 6", 9" And 12" Augers $495
King Kutter Discs 5½ ' And 6½ '-3 Pt. ..... $495-$595
King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'. $495-$595
King Kutter Rotary Mowers 4', 5' And 6' 3 Pt. And Pull Type. $495 & Up
Aerator 5'- 3 Pt. $695
King Kutter Finish Mowers 4', 5', 6' & 7'-3 Pt. ..... $995-$1295
Long Rototillers 55", 63", & 71" ..... $1495-$1995

(7) SKID STEER LOADERS

Clark 533-Diesel $4900
Case 1845 ..... $7900
Koehring 1350 ..... $8900
Case 1835B-Gas $8900
(2) Case 1845 ..... $8900
Koehring 2150 .... $10,900

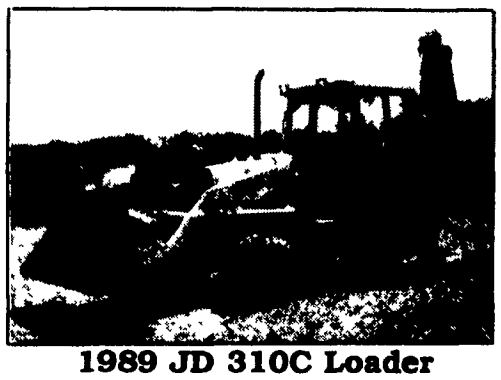
HUNDREDS OF
CRAWLERS & BACKHOES
FOR SALVAGE

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

USED EQUIPMENT

Case 680D Loader/Backhoe, $7,500
Case 580B Loader Backhoe, $8,500
Case 1835B Unloader, $6,500
Ford CL65 Unloader, $9,500
Case 1835B Unloader, $8,500

Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185



1989 JD 310C Loader Backhoe, 4x4, Cab, Extendahoe, Only 240 Hours

1990 International Dump Truck 466 Dt. Engine, Only 7500 Mi.

1989 20 Ton Low Boy Trailer w/Airbrakes Also Available

All In Like New Condition
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Modern Mobile Mixer
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Concrete Mobile Business

I. Equipment

Modern Mobile Mixer unit mounted on 1988 Model RD Mack Truck. Mack truck has 300 horsepower diesel engine with a 7 speed T2070 transmission. See Exhibit A for terms to transfer warranty. Mixer is hydraulic driven with patented cement system.

Modern Mobile Mixer unit mounted on 1988 Model DM Mack truck. Mack truck has 250 horsepower diesel engine with an 8 speed T2080 transmission. See Exhibit A for terms to transfer warranty. Mixer is hydraulic driven with patented cement system.

Modern Mobile Mixer unit mounted on a 1976 International truck. Truck has a 290 Cummins Diesel engine. Mixer is same as above units.

Owatona 770 front end loader. Diesel engine, hydrostatic drive, variable speed. One cubic yard bucket.

Cement silo with approximately 40 ton capacity. Includes auger unloading system and air injectors. Dust collector mounted on top vent. Fill pipe also included.

2,000 gallon oil fired water heater.

Motorola radio equipment. Base station and antenna with 6 mobile units.

Tools, tires and miscellaneous spare parts.

Reasonable offer considered for all or part.

Allis Chalmers HD 7 Crawler Loader $7,500

Dennis M. Miller Construction Equipment Sales
1-800-252-0"CAT" Days

CAT 944 4WD Loader $7,500

Dennis M. Miller Construction Equipment Sales
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2 FARM EQUIPMENT WANTED

Wanted
Gehl 2RN Low Profile Cornhead
(717) 656-7754

WANTED
Steiger tractor Model 350 PTA, engine condition not important
Daytime
301-928-3009
Evening
301-648-5751

3 SILOS AND UNLOADERS

HAIDIC / **FICKES SILO COMPANY, INC**
Unloader, Parts & Service - Call: 717-776-3129

MAY-CO PLASTIC SILO LINERS

To have mold free haylage, corn silage, and high moisture grain, install a May-Co plastic liner, in silos with or without unloaders. Easy to install. Immediate delivery when necessary.

May-Co Supply Co., Inc.
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Dismantle & Re-erect Preowned Structures
Preowned Harvestore® Units in Stock
Rebuilt Goliath® & Hercules Unloaders
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New Concrete Stave Silos
New and Used Extensions
All Types Silo Repair
Teardown and Rebuild
Silo Relining

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2 FARM EQUIPMENT WANTED

20' skeleton single chain elevator 215-445-5697.

Ford 3600 or 2910 with cab, low hours. 301-334-4596.

Hesston 3 or 4RN corn head. Must be in good condition. (717)726-3659.

Wanted: Honda 250R 4 wheeler, '87 or newer, must be a complete bike or one with a blown motor. (717)259-9373 after 5pm.

3 SILOS AND UNLOADERS

(1) 20x70 and (1) 20x40 Harvestore structure w/ white roof. 717-733-7128

16' Badger silo unloader, $400 or make offer. Chester County & (215)932-8382

20' Badger #2400 power track 2 ring drive unloader, Complete w/motor, tri-pod, cable, wench, ammeter and cord $1300; 24' center fill gooseneck for Jamesway unloader $50; Lots of used Badger parts, gear boxes, etc. Price Reasonable. 717-786-2103.

For Sale: Bunker silos, manure storage pits, retaining walls, floor panels, basement walls. Also offering flat work:& foundations, garage, basement, warehouse floors Conestoga Concrete 717-859-5437

Looking for a High Moisture Structure? You can trust your High Moisture Structure to us. We have a nice selection available. Our work is guaranteed. Call Sylvan 717-786-2103.

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- Dealing in used Harvestores
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- Quality replacement parts
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In Business 15 Years

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Buy And Sell Silos
General Repair Work
• Silo Moving

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MARTIN'S SILO REPAIR

Moving Concrete Stave Silos

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- Fill Pipes
- Distributors
- Roofs
- Replacement Doors
- General Repair

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New Holland, PA 17557
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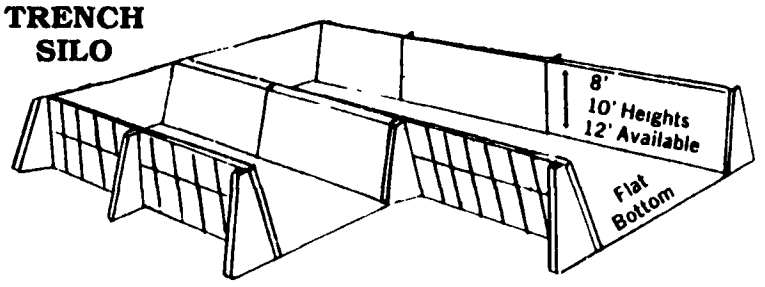
TRENCH SILO



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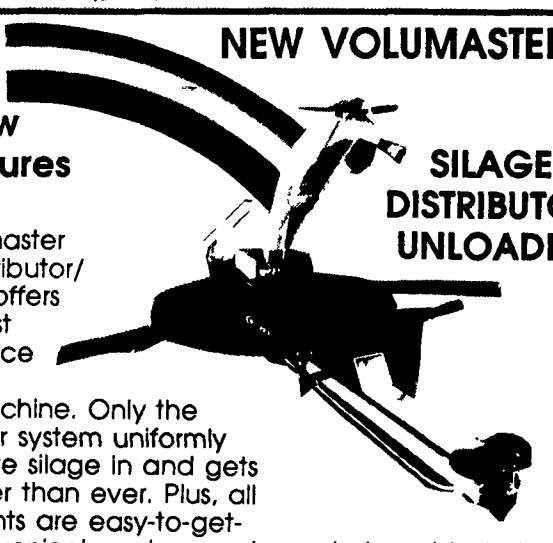
CUSTOM DESIGNING FOR YOUR PRE-CAST NEEDS
Movable And Expandable - We Deliver And Install

JAMESWAY — **CHARGE AHEAD** With Jamesway — JAMESWAY

NEW VOLUMASTER®

A Rainbow Of Features

SILAGE DISTRIBUTOR UNLOADER

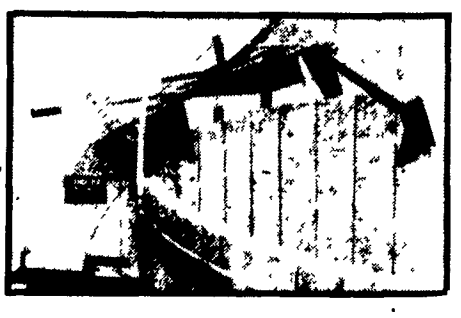


The Volumaster silage distributor/ unloader offers all the best performance features in one machine. Only the Volumaster system uniformly packs more silage in and gets it out faster than ever. Plus, all components are easy-to-get-at for convenient service, and are designed to last longer with less maintenance.

LANCASTER Level-Flo™

MODEL 1030 SILAGE SPREADER

3 MODELS TO CHOOSE FROM!



We Sell, Install & Repair Silo Fill Pipe!

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  Rectangular and Round Structures
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- "H" and "J" Type Feed Bunks
- Horizontal Silo

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Silage Bags
9 mill & 3 ply bonded. 2 wheel & 4 wheel bagging machines, 8', 9' & 10' sizes. Bale wrappers & stretch wrap.
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Wood Feed Carts
Hay Racks
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Used Silos When Available
12" Goosenecks Installed On Sealed Silos

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Behlen Mfg unstiffened grain silo, 1 year old, new condition, 30' dia. by 30' high, 1 rectangular man door, $4,000/OBO. 215-721-1000. Ask For Pat

20x70 crop store w/Laidig unloader, 20x50 H.M. Corn crop storer w/unloader Both silos in A1 condition 717-786-2103

25x65' Harvestore silo, w/ Goliath unloader, excellent condition. Franklin County (717)267-3654.

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Featuring:
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* Lancaster Level-Flo Goosenecks
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C&C Equipment Co.
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412-752-6671
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S & S SILO REPAIR
WE DO
* Most Any Kind of Stave Silo Work
* Tear Down & Rebuild Stave Silos
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Repair Holes & Rough Silo Interiors. Make Your Old Silo Look Like New On The Inside.

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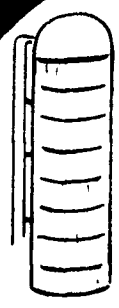
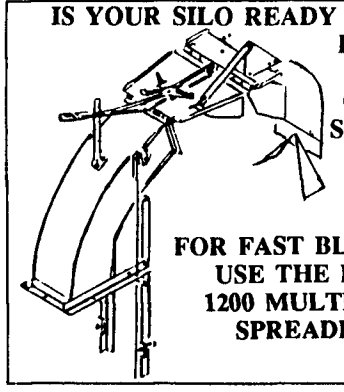


ATTENTION FARMERS
Strengthen And Reseal Your Silo With Shotcrete

S & S Silo Serivce Has Experience
Over 700 Silos Have Been Relined With Shotcrete

IS YOUR SILO READY TO BE FILLED WITH GRASS SILAGE?



FOR FAST BLOWING USE THE NEW 1200 MULTI-FLO SPREADER!

S&S Silo Service prepares the silo surface by using a 3,000 lb. pressure washer, thus making the silo moist, making a much better surface to bond shotcrete. After shotcreting, S&S always takes away any roughness by applying a steel trowel finish.

The excellent bonding of shotcrete to the silo will keep out moisture and prevent mold from growing on the side of the silo.

Call Now For A Free Estimate

S & S SILO SERVICE
RD 2, Box 91A Honey Brook, PA 19344
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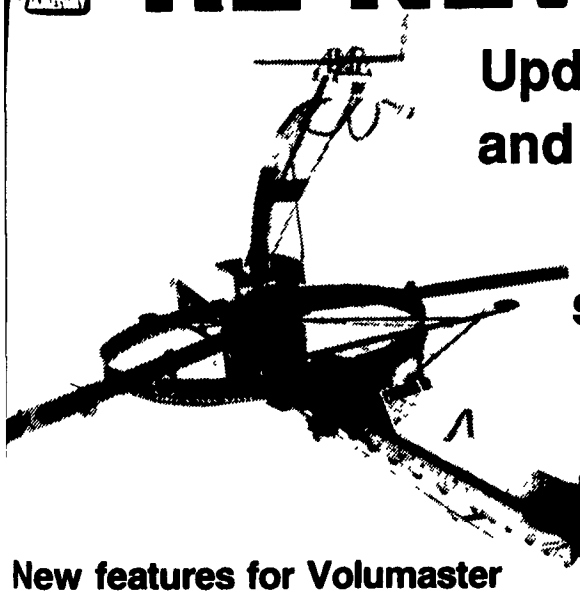
(717) 768-3052 (Answering Service)

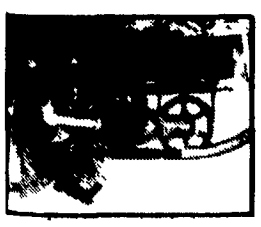
RE-NEW™ KIT



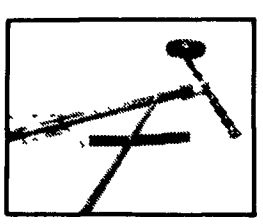
Updates Volumatic® II and III unloaders

Get Volumaster™ system performance without buying a new unloader

New features for Volumaster system total performance

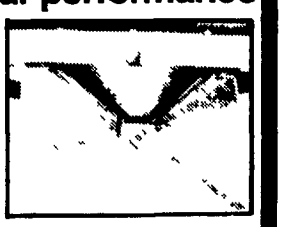


New vented auger gear box includes new features such as three bolt flange design and easy fill piping New flex line shaft connection is also shown

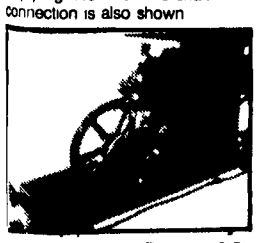


New ten inch diameter canti levered walking pressure wheel is designed in one piece from heavy duty polyethylene

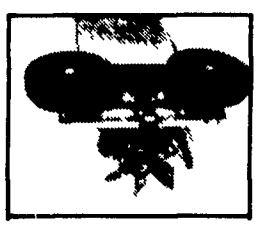
New motor mount assembly is designed for easy belt tension adjustments



New galvanized auger shroud features bolted construction for easy service



Removable and adjustable 950 R P M impeller with adjustable shear plate provides optimum unloading performance New impeller bearing cover and polyethylene shroud cover protect against corrosion



New ten-inch diameter chipper wheel is designed with six case-hardened steel knives More new features include conveniently located grease zerk end shroud deflector for reducing silage buildup and ten inch diameter wall wheels, which require less service

See Us At Ag Progress Days Loc. E. 3rd St.

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UPS

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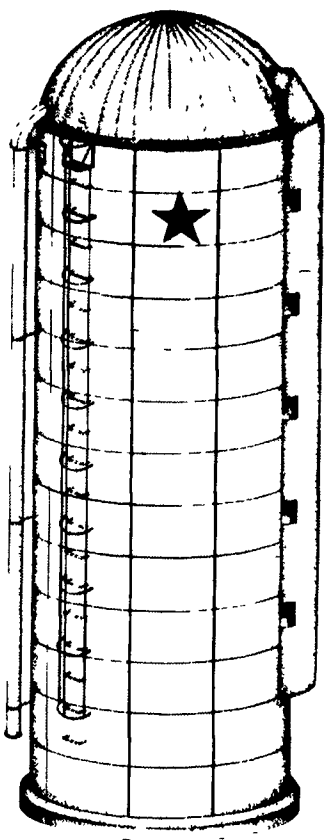
...Committed to superior performance in Forage Management Systems.



- Energy-Pak Bottom Unloading With Little David Ring Drive Unloaders
- Star "Toppers"
- Precast & Poured Manure Storage Structures - SCS Approved
- Precast Feed Bunk & Cattle Guards
- Service & Equipment Dealers

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City/State_____
Zip_____ Phone_____
Best Time To Call_____
County_____

Please send information on:
- ❑ 1. Bottom Unloading Concrete Silos
- ❑ 2. Top Unloading Concrete Silos
- ❑ 3. Upright Bunker Silos
- ❑ 4. Manure Pits
- ❑ 5. Feed Bunks
- ❑ 6. Cattleguards
- ❑ 7. Industrial Silos/ Tanks

Have you inspected your silo door system lately?

WARNING! DETERIORATING CONCRETE FROM CORN JUICE!

Failure to perform routine regular maintenance may cause a fall resulting in serious injury of death to you and your employees.

The highly corrosive environment present in a silo chute will result over time in the deterioration of wood, metal and concrete.

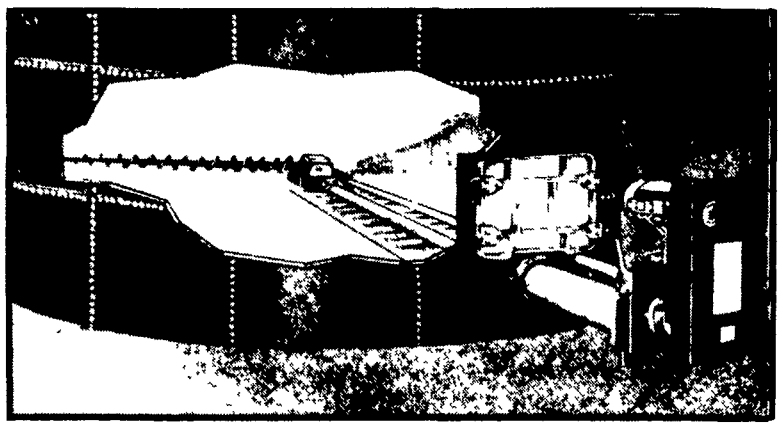
A proper safety inspection must include the following:

- Wood doors for rot and damage
- Bolts and bolt heads for corrosion and tightness
- Door steps for corrosion and damage
- Latches for corrosion and damage
- Cast-iron hinge eyes for tightness and corrosion
- Concrete door frames for deterioration and physical damage

(Doors must seat properly in door frames for latch systems to work effectively.)

Lancaster Silo Co., Inc.
2008 Horseshoe Road, Lancaster, Pa. 17601
717/299-3721

LAIDIG 43 Series



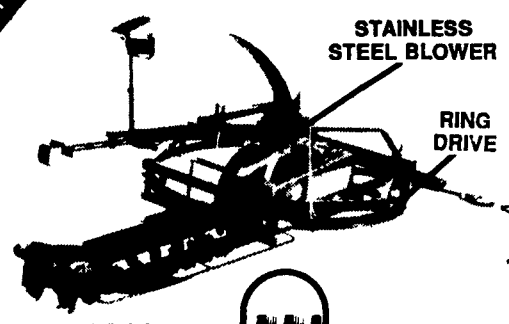
Looking for a high-moisture, ground ear corn bottom unloader that's been in ag use for 15 years? Look no further! The Laidig 43R Power Sweep Auger can be installed in existing 20' Glass-lined Steel Structures without alterations. Priced right with 4-Yr. Warranty

WHY NOT CHOOSE LAIDIG?

Country Ag Service, Inc.
360 Royer Road, Lititz, PA 17543
717-738-3066

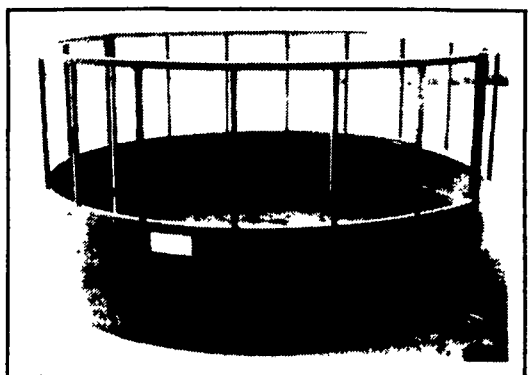
PARTS IN STOCK

THIS IS THE BEST HAYLAGE SILO UNLOADER THAT MONEY CAN BUY!



BUILT TO LAST!

HANSON SILO COMPANY
There is a difference

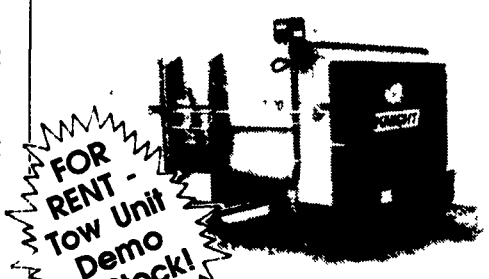


Lancaster **HAY RACK** is made to save space and save hay. Round 2-piece design w/18 openings made of heavy square tubing and wide steel panel at bottom. Easy to move—easy to fill.

Lancaster Silo's STAINLESS STEEL WATERERS
Single or Double Drinkers Available

- 5/16" Unloader Suspension Cable - 40¢/Ft. Cut To Length
- Unloader Electric Cable (6-3) - $1.25/Ft
- Rodel Plugs (½ Section) - $30
- In Stock - 20 to 25 - 5 - 7½ HP Motors (Rebuilt) - Priced To Sell!

Reel Auggie
2000 Series
A new concept in TMR Mixers

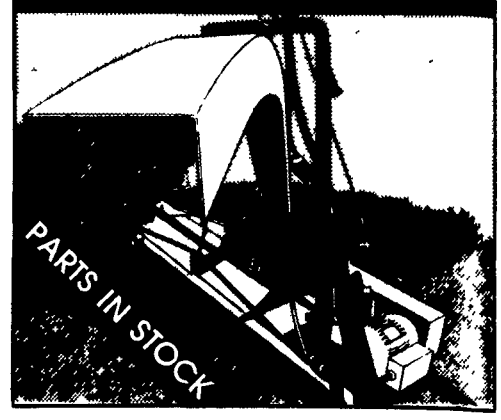


FOR RENT - Tow Unit Demo In Stock!

There Are Many Advantages Of The Reel Auggie Design

8% FINANCING AVAILABLE ON TMR MIXER PURCHASE CALL FOR DETAILS!

VAN DALE



Before You Buy A Silo Unloader— Check With Lancaster Silo!

VAN DALE Dependability through Quality

SPECIALS

- 11 H.P. Honda Engine Run [illegible] - $160
- Farm Gates In Stock 4'-16'
- Farmmaster 216 Mixer (tow-type) $6800
- Automatic Rollermill, 1200 Bushel/Hr - Demo
- Used 12 Ft. Silo Roof-White-$600

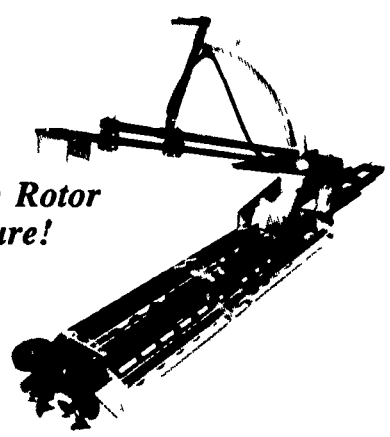
Lancaster Silo Co., Inc.
2008 Horseshoe Rd. • Lancaster, PA • (717) 299-3721

Silo-Matic's NEW STAR ATTRACTION

Silo-Matic® GEMINI II

Silo Unloader

- 26 Inch Stainless Steel Rotor Housing With 4 Stainless Steel Parts



The Unloader With The Rotor Housing Of the Future!

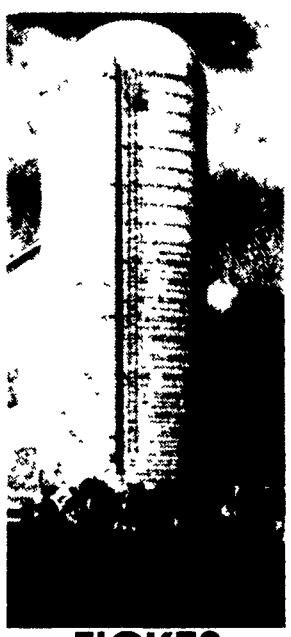
- NOTICE - ALL SILO OWNERS

Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE. Please call for an inspection and estimate.

FICKES SILO COMPANY, INC.
NEWVILLE PENNA 17241

PHONE: (717) 776-3129

FICKES SILOS...



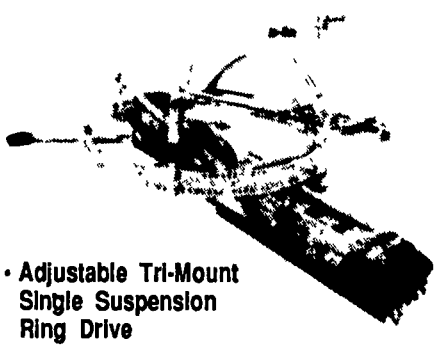
FICKES SILAGEMASTER
Silo construction is not only an engineering service, it is also an art. Fickes Silos exemplify these principles, with their fine stave design and strength...durability... and manufacturer's care in building.

Silo-Matic® Silo-Matic's

GEMINI R/D

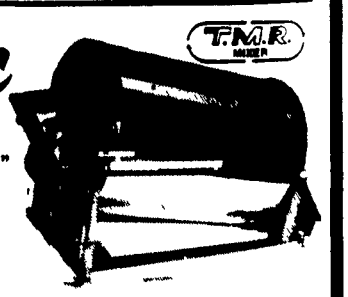
Silo Unloader

THE UNLOADER OF THE FUTURE



- Front and Rear Augers are different sizes. Each operates at a different speed for excellent performance.
- Superior Torque Arm with Rollers
- New Chain Design with Flow-Through Safety Grids
- Fiberglass Gooseneck with Stainless Steel Liner
- Adjustable Tri-Mount Single Suspension Ring Drive
- 26-Inch Stainless Steel Rotor Housing with 4 Stainless Steel Pawls

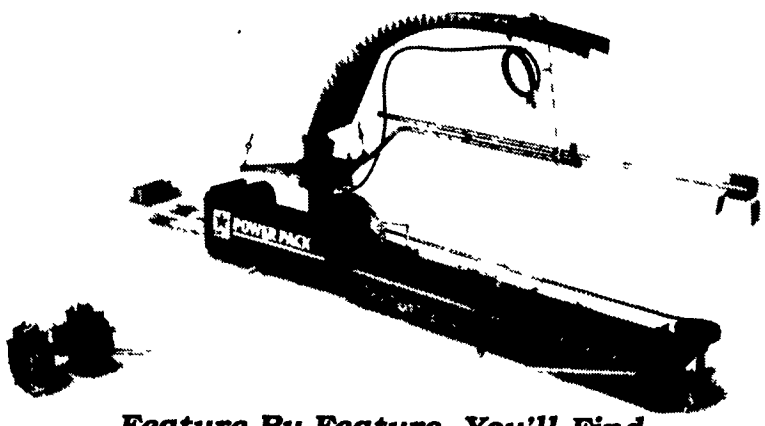
Silo-Matic "TOTAL MIXED RATION" With TUMBLE MIX ROTATION



SEE US AT AG PROGRESS DAYS Aug. 14-16, Loc. W. 10th St.

CALL US ABOUT OUR NEW PROGRAM
BUY NOW! PAY LATER!

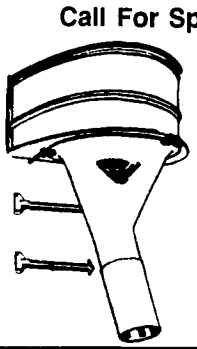
Starline's® ALL NEW SURFACE DRIVE UNLOADER



Feature By Feature, You'll Find This Unloader Beats Them All!

See The Starline Display At Ag Progress Days Loc. E. 3rd St. Featuring - The "New" Ring Drive Unloader

FIBERGLASS FUNNEL
Call For Special Price



fiberdome incorporated

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Patz Silo Unloader, 98B, Excellent Condition

Full Line Parts Department For Starline

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Van Dale magnematic 360 silo unloader for 22' dia. silo, used 1 year, $3,000. Lackawanna Co 717-587-1725

We pay top dollar for used Harvestores and Slurrystores 717-354-4051

RUFF-TUFF
POLY SILO LINERS
for Upright Silos
If Your Silo Needs New Life...

Try Our Poly Silo Liners

-THE ADVANTAGE OF A POLY LINER-

- Spoilage is reduced around doors.
- Feed is exposed to less oxygen - better fermentation.
- Allows storage of high moisture grains or dry grains in a conventional silo.
- Delays repair or replacement of corroded silos.
- Prevents corrosive acids from contacting silo wall - extends silo life.
- Quick installation.
- Effectively seals silos from air and weather.

Ruff-Tuff Poly Silo Liners Come In Standard Lengths Of 40, 50, 60 and 70 Feet. The Liners Are Manufactured To Fit Most Standard Diameter Silos.

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FARM & DAIRY STORE
RD 3, Ephrata, PA 17522
(Hinkletown)
Phone (717) 354-4631

Buildings And Supplies Classification Is Located On Pages B22-B25 This Week

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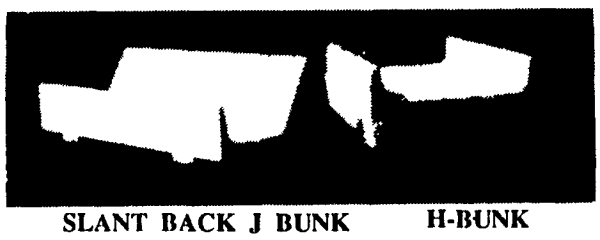
"Consider The Concrete Advantages"

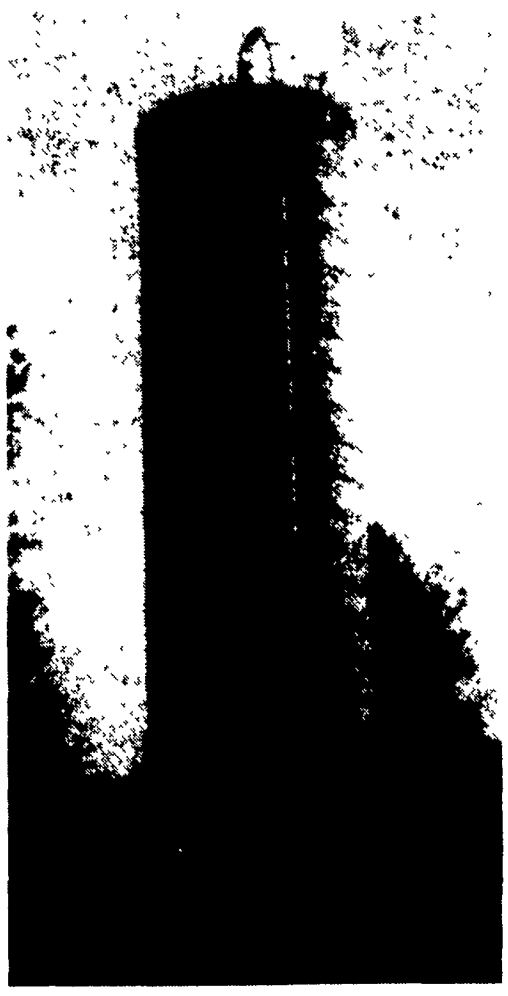


SLANT BACK J BUNK H-BUNK

Let Us Know Your Needs. We Can Deliver From Our Large Inventory And Set On Your Prepared Site. OR: We Can Load On Your Truck To Help Save On Freight Costs. We Have Several Sizes And Styles To Choose From, Plus Metal Posts, For Cable, Which Can Be Bolted To The Bunk To Keep Cattle Out.

MANURE STORAGE SYSTEMS

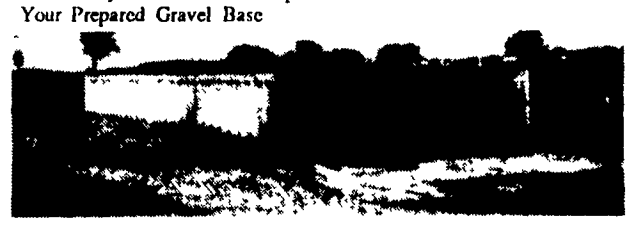
- Manure Storage Systems For The Small Herd - or The 400 Cow Herds And Larger.
- Systems Adaptable To Any Type Equipment
- SCS Approved
- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.
- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.



The best storage system for high moisture cob corn is a poured concrete SOLLENBERGER SILO, with bottom unloading. The feed can be safely stored at less than 30% moisture, air is effectively excluded limiting mold growth, the silo is equipped with a distributor to keep separation to a minimum which means more efficient unloading and consistent ration. The 6" solid concrete wall reflects heat meaning that heat damage is minimized and feed is kept cooler. Now Is "Decision Time". Make Plans Now To Have Your Sollenberger Silo Erected In Time To Store Your High Moisture Ground Ear Corn.

PRE-CAST BUNKER SILOS
"THE ECONOMICAL CHOICE"
STORAGE FOR ANY FORAGE
Also Suitable For Grain Storage, And Practically Any Other Bulk Material.

The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing With The Tongue and Groove Edges It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good" Delivered And Set On Your Prepared Gravel Base



Ag Progress Days, Aug. 14, 15 & 16

Sollenberger Silos Corp.
Box N, Chambersburg, PA 17201

Name_____
Address_____
City/State_____
Zip_____ Phone_____
Best Time To Call_____
County_____

Please send information on:
- ❑ 1. Bottom Unloading Concrete Silos
- ❑ 2. Top Unloading Concrete Silos
- ❑ 3. Upright Bunker Silos
- ❑ 4. Manure Pits
- ❑ 5. Feed Bunks
- ❑ 6. Cattleguards
- ❑ 7. Industrial Silos/ Tanks

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Box N Chambersburg, PA 17201 (717) 264-9588
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Office Number - 717-264-9588

For Upright Silos Call Bob Francis 717-532-6848 — Evenings — For Bunker Silos & Manure Systems Call Tabb Justus 717-762-8663

Year after Year . . .

Proof after Proof . . .

Mating after Mating . . .

Atlantic provides top genetic performance at unmatched reliability.

Unlike other AI studs, we "guarantee" it!

8H2024 Leadman–VG
+$234 +1,802M +66P +127 CFP
S8: 72 Daus./62 Herds 82% REL
+2.02 PTAT

8H1651 Daylight–VG
+$253 +2,042M + 63P +135 CFP
S8: 93 Daus./72 Herds 87% REL
5% EDBH

8H1659 Prompt–GP
+$238 +1,846M +129 CFP
S8: 42 Daus./37 Herds 78% REL
6% EDBH

8H1464 Cleitus–EX
+$197 +1,595M +105 CFP
S8: 88 Daus./77 Herds 85% REL
+1.34 PTAT

8H1751 Ever-Ready–GP
+$243 +2,106M +127 CFP
S8: 86 Daus./71 Herds 85% REL
4% EDBH

8H1536 Trifecta–EX
+$178 +1,513M +.03%P +53P
S8: 65 Daus./56 Herds 85% REL
+1.74 PTAT

Use Atlantic's random sampling program breed-leader graduates to get the job done.
There's no imitation for the real thing in quality genetics!

Come and see us in the dairy & livestock tent at Ag Progress Days

(July/90 USDA & HA data)

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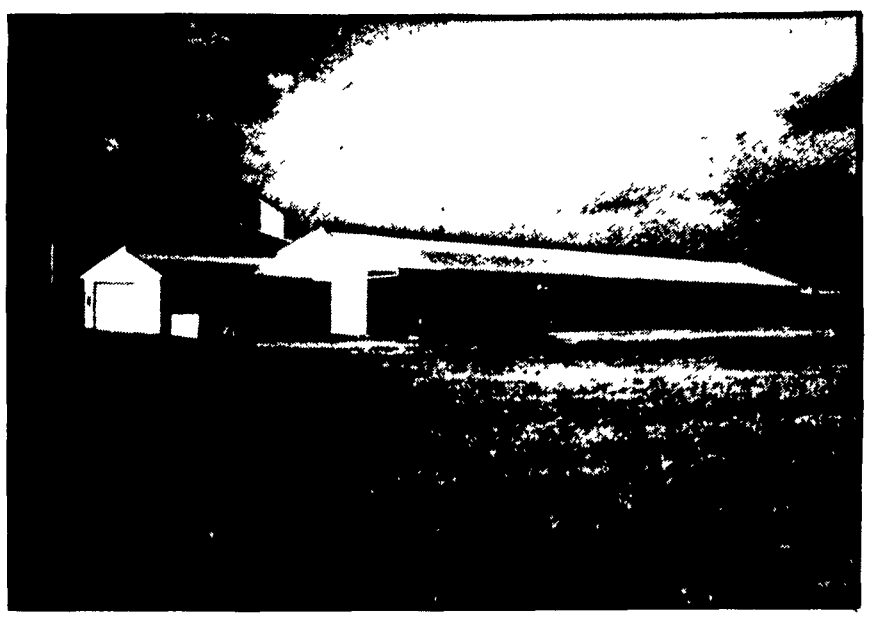
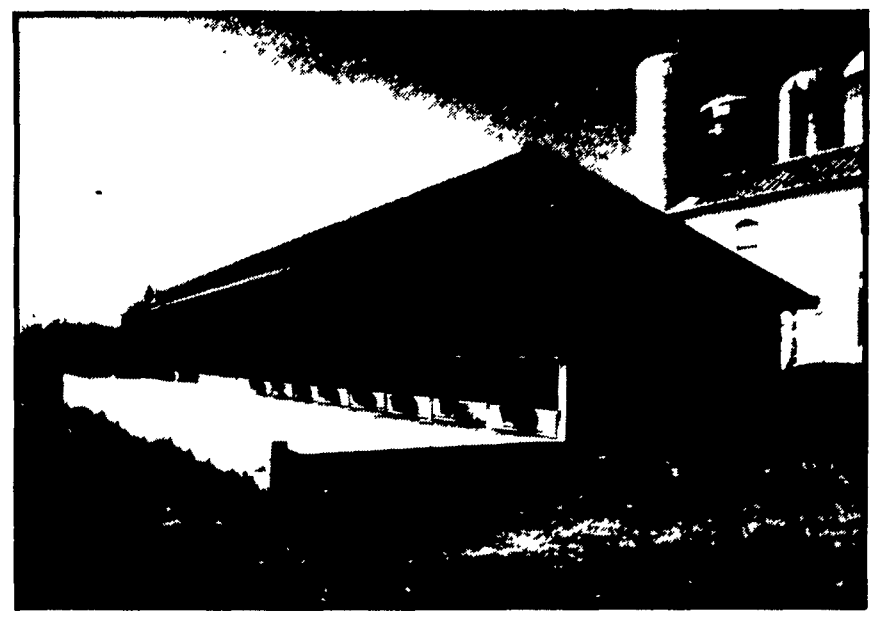
AGRI-INC. CAN DESIGN & BUILD YOUR NEXT MODERN DAIRY FACILITY

TIE-STALL BARN

FREE-STALL BARN & MILKING PARLOR



HEIFER FACILITY



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And East 3rd Street

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Serving The Agricultural Industry For Over 20 Years

Custom Built Farm Buildings Designed To Your Needs

Tioga Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

June, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Don Mattison	B3	10.1	93.1	24,532	814	746
Mike Buckwalter	3	51 7	86.3	22,628	838	717
Glenn Bowen	3	38.3	89.3	20,247	721	670
Doug+Jenny Lawton	3	63.0	89.6	20,473	761	653
L&J Holsteins	3	39.1	84 4	20,092	776	646
Fred Pazzaglia #2	G3	43.0	81.2	19,745	691	644
Emery-Rick Davis	B3	56 3	86.0	20,162	772	643
Charles&Doris Porter	3	49.5	88.0	19,815	754	637
Gor-Wood-D	3	169.0	84.2	19,873	712	635
Schmelway Farms	3	49.0	89.8	20,148	747	634
Double B Farm	B3	68.9	84.4	19,932	763	631
Terry & Linda Long	B3	34.7	85.8	19,652	704	620
William Chamberlain	3	47.7	89.7	19,499	705	620
Vernon H Good	G3	48.2	89.1	19,785	669	609
James Ebersole	G3	42.7	86.4	18,615	657	607
Fred Pazzaglia	G3	55.9	85.4	17,954	603	598
Roy A Schanbacher	3	70.2	84.8	18,144	658	597
Howard & Anne Sparling	3	51.3	85.8	18,648	676	594
Tom Gruver	B3	50.2	92 9	18,491	659	594
Sweetbriar Acres	B3	89.7	89.5	17,617	651	591
Robert+Janice Landis	B3	38 4	85.8	18,704	624	587
Sassafras Holsteins	B3	50.6	87.4	18,435	627	584
Mark Heater	B8	47.1	86.2	18,383	610	581
Glen S Layser	B3	39.0	88.2	18,021	705	579
Robert Shanley	3	72.4	87.0	17,839	649	574
By-Way-Jersey	4	40.8	84.6	15,521	714	574
Bernard G Courtney	3	174.8	89.7	17,642	684	572
Clifford Brace	B3	54.8	84.8	17,782	647	571
Simalot Holsteins	3	54.9	85.2	17,118	650	570
Robert L Miller	B3	81.3	83.7	18,011	638	570
Allan J Lilley	B3	42.5	89.3	17,655	648	567
Harold Robson Jr	3	59.3	85.2	17,561	635	565
Bill Peoples	B3	26.7	88.8	17,813	646	564
Dave+Donna Cleveland	G3	45.2	83.7	17,703	623	560

Lactation Report

Mike Buckwalter Precious	3-11	305	25,174	799	1049
Emery-Rick Davis Janet	6-2	305	25,249	772	1038
Kelly	5-0	305	24,753	753	867
Gor-Wood-D Miranda	5-6	305	24,829	797	964
Fred Pazzaglia #2 121	4-11	305	24,646	748	921
Doug & Jenny Lawton 482	5-2	305	24,570	837	917
Fred Pazzaglia 32	5-6	305	27,165	863	870
Silverlea Farm 152	4-0	305	20,820	704	870
Bernard G Courtney 015 Devi	4-6	305	20,253	687	867
Bishcroft Farm Ginger	4-1	305	22,586	727	858

MILK. IT DOES A BODY GOOD.™

MAMMA

MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC

ABS AMERICAN BREEDERS SERVICE
Committed to earning your business

29H4784 APOLLO
6% CE @ 1556 Calvings
+200 Protein Dollars
+2031 Milk
+1.38 PTA Type
Tradition x Valiant
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On Rt. 772 Across From Pequea Valley School

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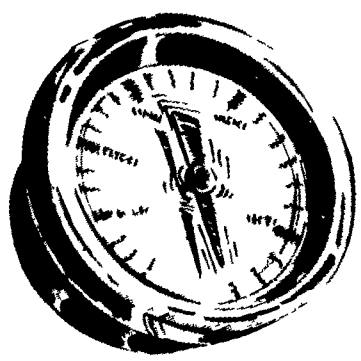
So. of Square In Oxford

Call if you're under pressure to improve your hydraulic system

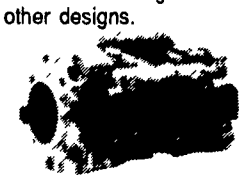
If you're under pressure to upgrade your hydraulic system and reduce operating costs, we can help Our pumps have proven themselves in millions of applications worldwide



Our variable displacement radial piston pumps can be used in pressure compensated, load sensing, torque limiting and displacement control circuits, as well as numerous variations.

Tolerant to communication, these highly reliable pumps incorporate a unique check valve design that also makes them less sensitive to cavitation than other designs.

JOHN DEERE POWER BY DEERE



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Wholesale — Retail
Sales * Service * Installation
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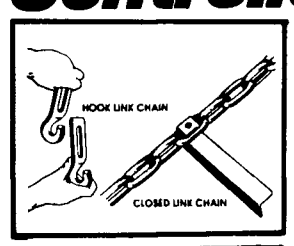
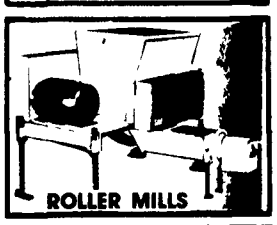
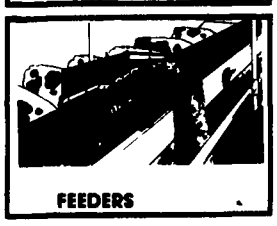
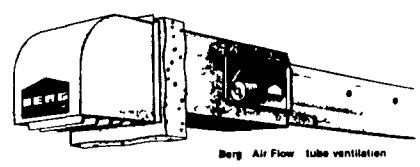
717-354-6066

Controlled Comfort ... for productive livestock!

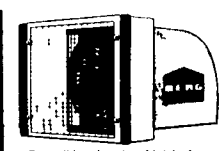




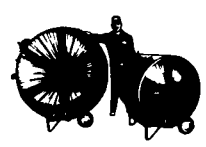




Berg Air Flow tube ventilation



Reversible exhaust and intake fan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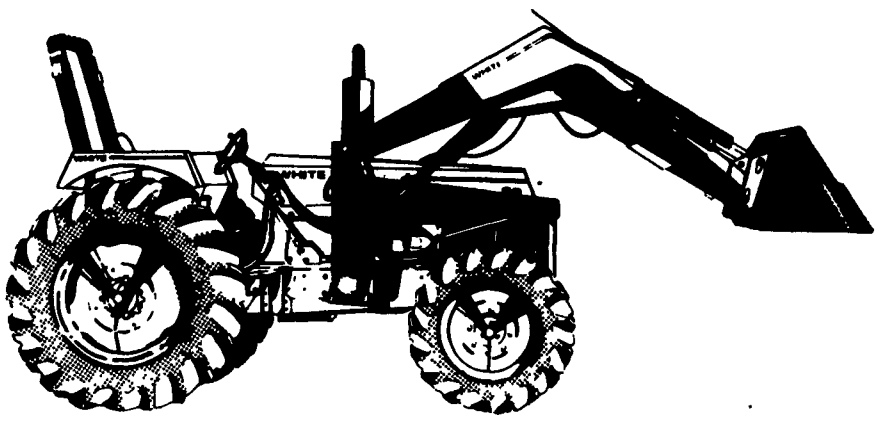

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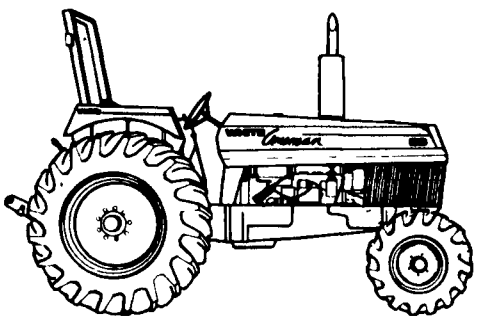

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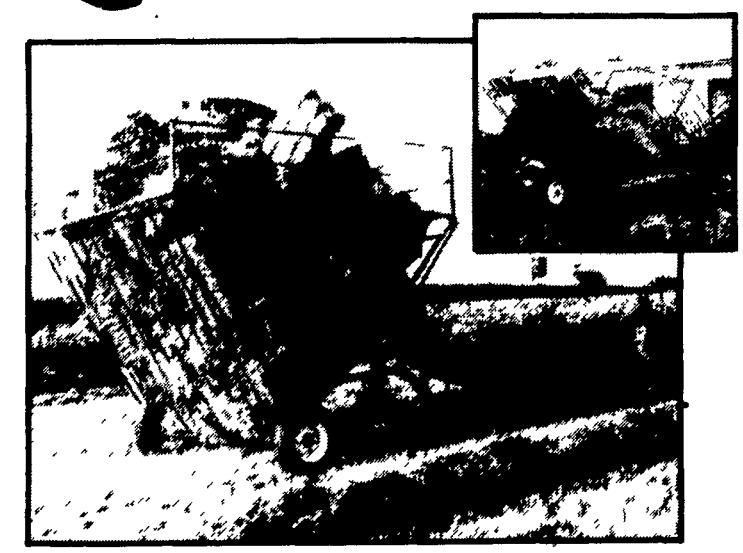

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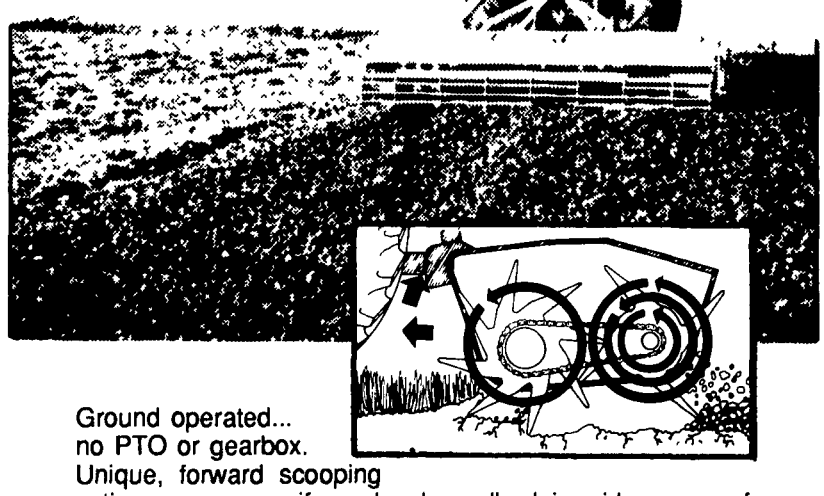

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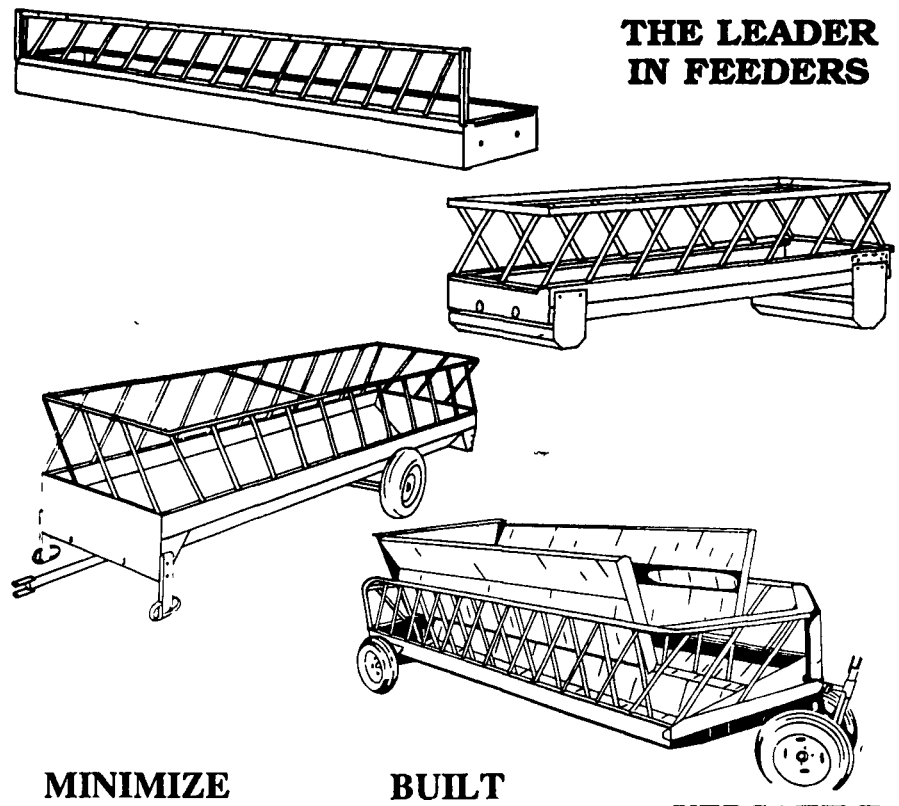

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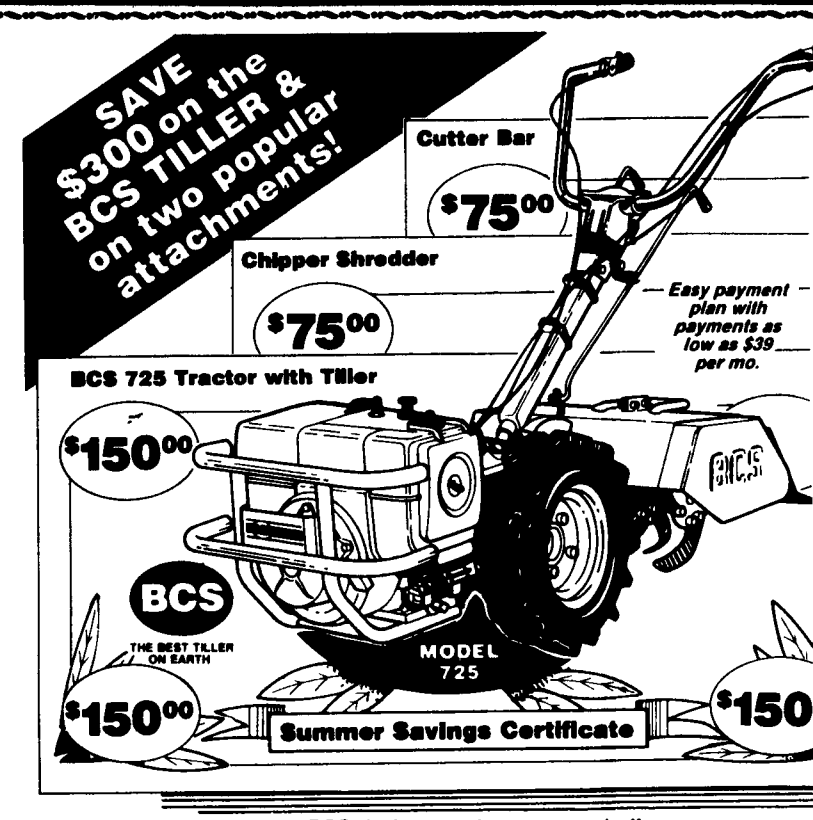

For a limited time, your BCS dealer is making a special offer on some of his best stock. Just cash in the attached "Summer Savings Certificate," and you'll save $150 on a BCS model 725 heavy duty tractor with tiller Also save $75 on a Chipper Shredder and $75 on a Cutter Bar with the purchase of a 725 heavy duty tractor with tiller *Offer ends September 30th, 1990. Not good with any other offer*

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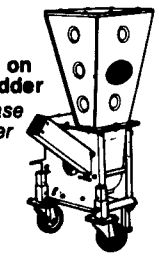

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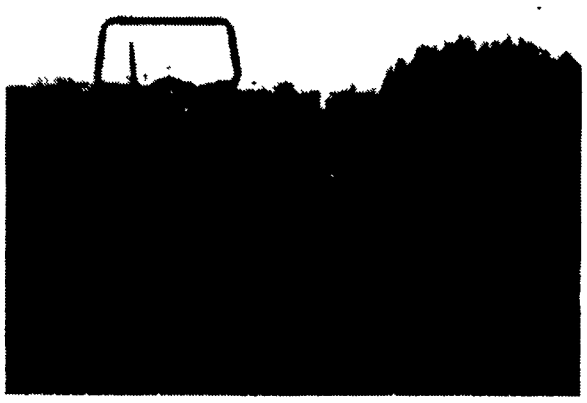

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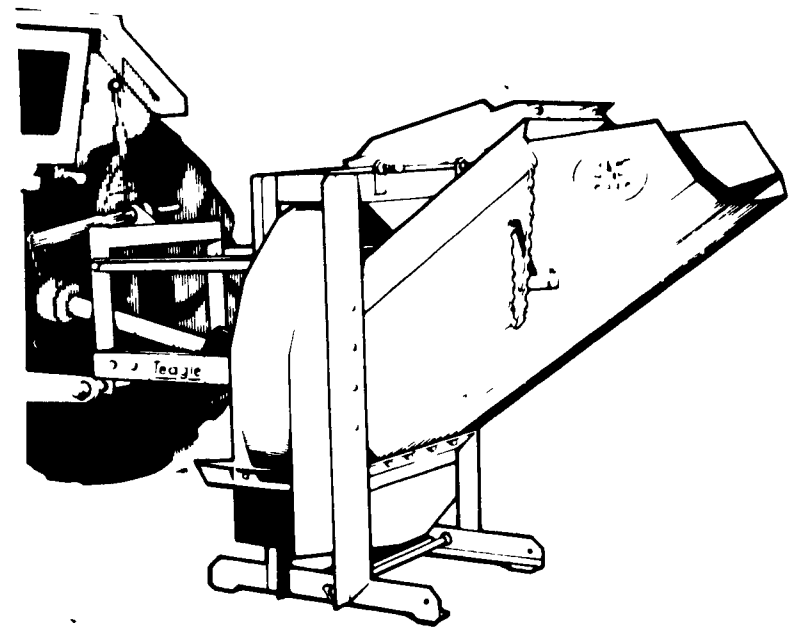

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Geo Info System Comes To West Virginia

MORGANTOWN, WV — Jefferson County has West Virginia's first geographic information system (GIS), which will improve water quality in the county, Potomac River, and Chesapeake Bay.

Steve Carpenter, a soil scientist for the Soil Conservation Service (SCS) of the U.S. Department of Agriculture and Fred Duffield, an SCS computer technician, computerized more than 40 kinds of data on land and water.

They digitized the soils. Then they added farm tract boundaries, land cover and use, streams, wetlands, livestock concentrations, manure management practices, geology, sinkhole sites, and cropping systems and related chemical uses.

Carpenter emphasized that numerous agencies helped. The U.S. Geological Survey provided water data and is doing a groundwater study paid for by the Jefferson County Commission. SCS purchased computer equipment and supplied staff.

"Using GIS at the local level, the SCS believes that groundwater pollution problems caused by farming practices can be identified, monitored, and corrected," he said.

SCS plans to expand the GIS into neighboring Berkeley County at the request of the county commission and develop a GIS in Greenbrier County with the support of the West Virginia State Soil Conservation Committee

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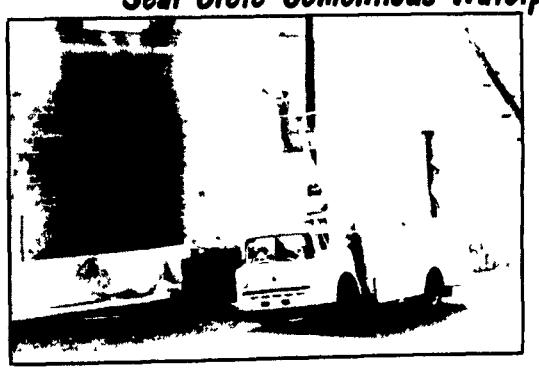

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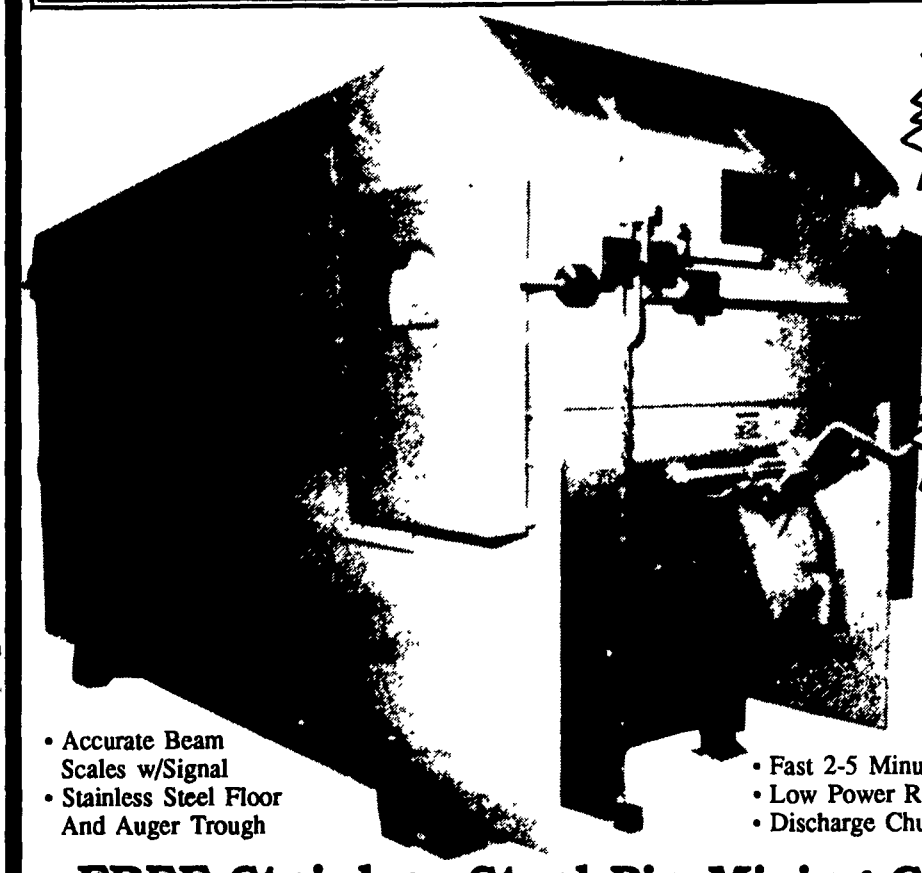

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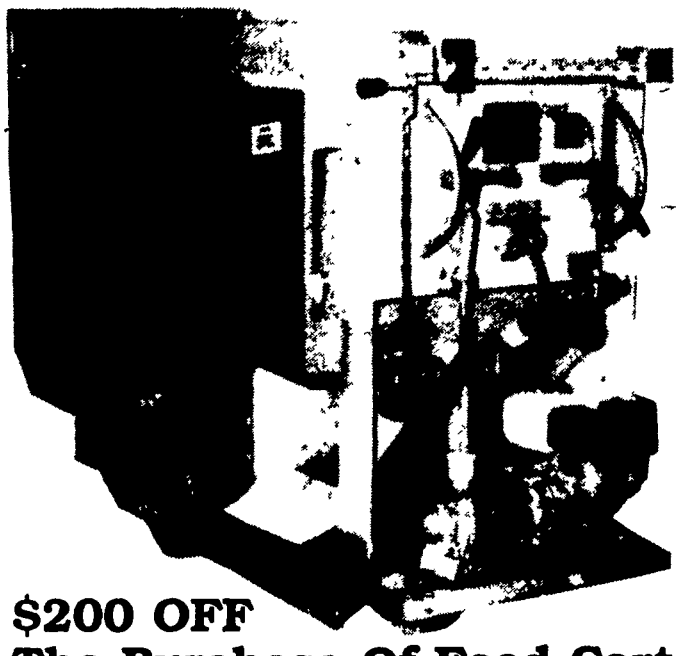

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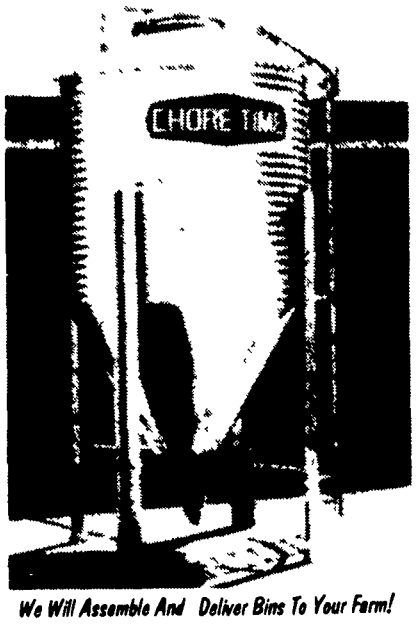

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Ag Progress Days SPECIAL REPORT

Intensive Apple Production Research at Penn State
LOREN D. TUKEY
Professor Of Pomology

An important aspect of apple research at the Russell E. Larson Research Center at Rock Springs is the manipulation of growth and cropping. This research can be seen during Ag Progress Days at Rock Springs on August 14-16.

In the apple plantings of Dr. Loren D. Tukey, professor of pomology in the department of horticulture, several different systems may be seen with trees ranging in age from newly planted to more than 20 years for Penn State low trellis hedgerows. Of special interest will be the production systems being used and adopted by growers in various parts of the country, in Canada, and in Europe.

Manipulation of growth and cropping is being done by combining the training system -- tree form -- with very dwarfing rootstocks, pruning and training, and plant growth regulating chemicals. Several intensive orchard systems are being studied and developed for Pennsylvania conditions, including the low central-axis spindle tree, the high central-axis French AXE, and a low narrow-trellis hedgerow form. The latter was developed as the Penn State low trellis hegderow system, employing four wires against which scaffold limbs from adjacent trees are trained to form a narrow row of trees as a wall.

The key to intensive apple production is the early development of cropping and maintenance of high productivity for 12 to 15 years. Commercial cropping usually commences in 3 to 4 years, 300 to 400 boxes per acre. Productivity of mature trees ranges from 900 to 1200 boxes (42 pound units) per acre of quality fruit. Depending upon the apple cultivar, production levels can be in the 1,000 to 2,000 box level. More than 3,000 boxes were obtained one year in a research plot.

Intensive apple production can be developed in one of two ways: 1) by increasing plant density of trees on very dwarfing rootstocks or 2) by increasing the volume of the bearing wood in an acre of orchard. Tree densities range from 700 trees to more than 2,000 trees per acre, depending upon the tree size controlling rootstock used.

High bearing volumes are developed through trees formed in a solid hedgerow as a trellis. Individual tree systems include the spindle bush and the slender spindle as rows or beds of trees six to seven feet tall, and the French AXE as rows or avenues of trees 12 to 12 feet tall or taller. For spindles, rows are usually 12 feet apart with trees in rows spaced 1.5 to 5 feet apart. In beds, trees are three to five feet apart, depending on the specific spindle system being used. The vigor of the cultivar-rootstock combination influences spacings. For the French AXE, rows are generally about 15 feet apart with tree spacings varying from three to five feet depending upon cultivar-rootstock vigor.

Bearing volume systems are typical of solid hedgerows of trees with rows 10 to 12 feet apart appearing as ribbons of bearing wood three to four feet wide and six feet tall. Here, individual tree identity is lost by the controlled crossing of main scaffold limbs from adjacent trees to form a solid hedgerow. Scaffolds are trained against a four-wire trellis. Bearing wood -- cropping -- is developed from and regulated on these scaffolds.

Regulation of cropping for central-axis trees is accomplished by determining the fruiting capacity or potential for specific cultivar-very dwarfing rootstock combinations under various soil and climatic conditions. Tree density is then developed to provide for acre productivity, and trees managed to maintain productivity.

Regulating of cropping for the Penn State low trellis hedgerow system is by developing a hedgerow of palmette formed trees, and managing the cropping in this volume by controlling the number of quality fruits per unit of the volume. Plant growth regulators have been used in management to suppress vegetative growth and enhance cropping.

Very dwarfing rootstocks for intensive apple production systems include M.9 (largest), P22, Bud 491, and M.27 (smallest). However, M.26 (largest) may be used with spur-type Delicious sorts. Other very dwarfing rootstocks being evaluated include CG 10, Bud 146, Cepiland, Lancep, Mark, and M.9 Bonn. In general, intensive systems are synonymous with the M.9 rootstock.

Advantageous of these intensive systems are that all labor operations -- including harvesting -- can be performed from the ground level. Unit labor needs are less because of higher production. Equipment overhead costs are low because of smaller size and less equipment needs, greater production of quality fruit, and lower unit growing costs.

Further, orchard liability insurance is greatly reduced, and pesticide usage and air pollution can be much less. Cropping occurs early and changes in cultivars to meet new market needs is easier and occurs sooner than in conventional systems with more vigorous rootstocks.

Conversely, establishment costs are greater mainly because of the increased number of trees. Labor requirements may be greater for an acre of production, but this is actually less per unit of production. Present orchard equipment commonly is not suitable, and growers often lack knowledge about managing the new intensive production systems.

Cimarron VR Alfalfa

Robert Kennedy of Kennedyville, MD says , "I planted Cimarron VR this spring and got a great stand...and my first cutting looks very good". Mr. Kennedy is pictured at left with his son and grandson in a stand of Cimarron VR.

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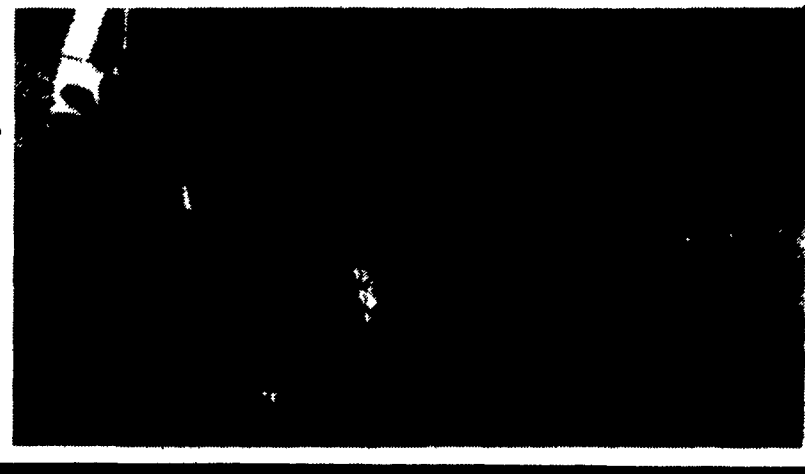

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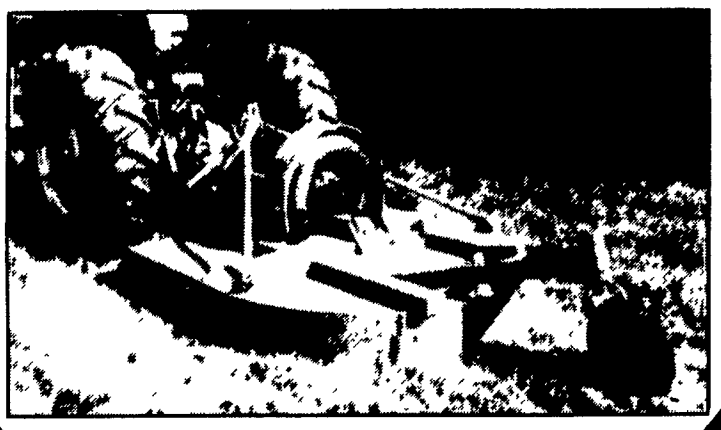

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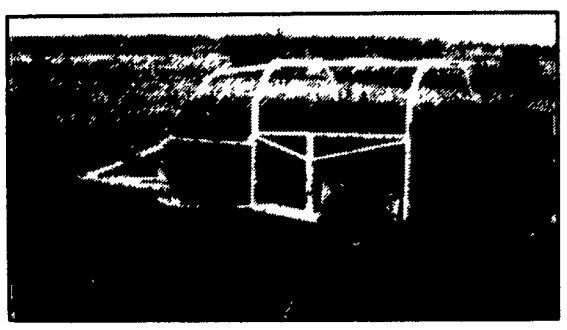

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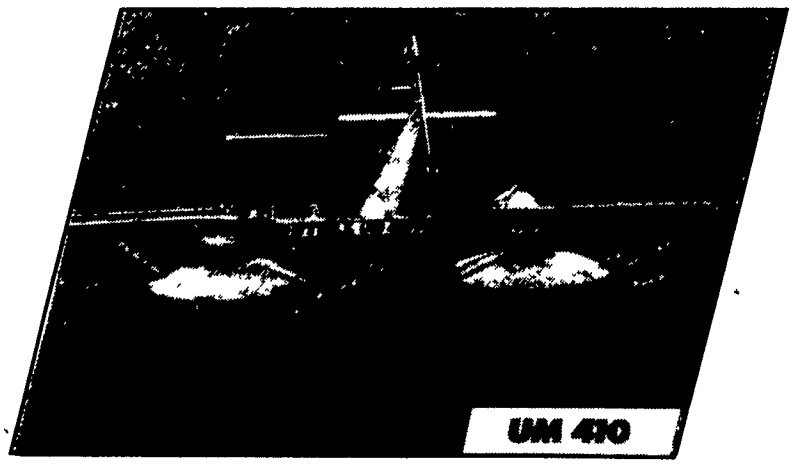

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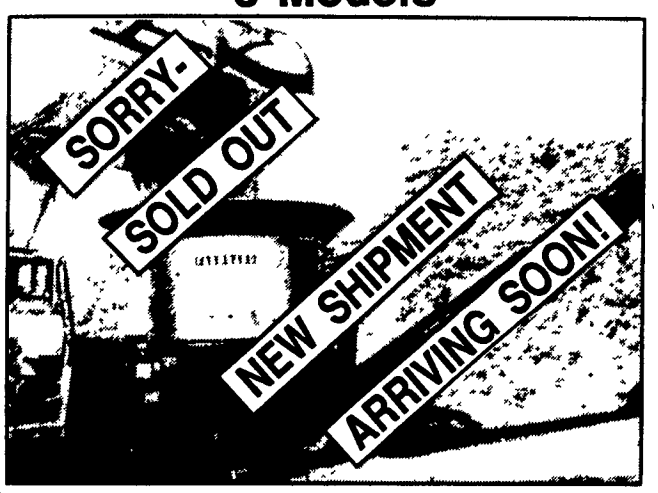

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Western Pennsylvania Championship To Queens Manor

LINDA WILLIAMS
Bedford Co. Correspondent

WASHINGTON (Washington Co.) — Washington-B-Queens Manor Threat Fury, a five-year-old Holstein emerged as the grand champion of the Western Pennsylvania Championship Holstein show held Friday, July 27, at the Washington County Fairground.

Queens Manor is owned and operated by Ed Doeberiener of Jamestown. Working with him on the 55-acre farm are his sons, Jus-

(Turn to Page D11)

Top junior judging team from Washington County is, seated, left to right: Shanna Morgan and Alyssa Morgan. Standing, Jeremy Hunter and Katie McMaster.

Justin Doeberiener of Queens Manor Farm near Jamestown accepts the grand champion Holstein prize at the Washington County Agricultural Fair. Presenting the grand prize is Heidi Minnee, Mercer County Dairy Queen. The Doeberieners also took the premier exhibitor award.

Queens Manor is owned by Ed Doeberiener. The grand champion cow, B Queens Manor Threat Fury also took first among five-year-olds, and best udder.

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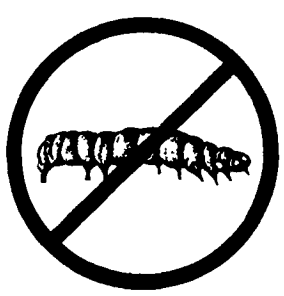

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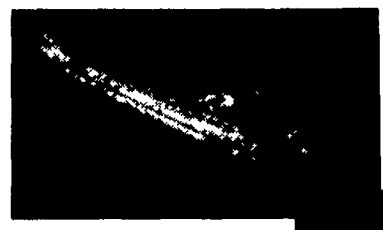

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The top ten in the senior judging competition were: left to right, kneeling: Kelly McConnell, Lawrence Co.; Angie Miller, Ohio Co. Middle: Jessica Whiting, Lawrence Co. Next row: Maggie Whiting, Lawrence; Matt Lawrence, Lawrence; Jake Perenine, Warren; Ryan Riedel, Warren; Allen Deabenderfer, Indiana; Gregg Park, Indiana; Lisa Ranker, Warren.

Western Pennsylvania Championship

(Continued from Page D10)

tin and Peter.

Another son, Chris, is a full time toe trimmer but keeps the Doeberiener Holsteins in good shape for the shows.

Queens Manor raises cows for export mostly to Peru and Brazil. The junior champion, also owned by Queens Manor has been sent to Brazil.

Of the Doeberiener's 33 head of Holsteins, 16 were entered in competition at the championship show. Ten emerged with first place ribbons. "It's definitely the best we've ever done in 12 years of competition," said Ed.

The grand champion will be entered in competition at the Ohio State Fair in Columbus next week.

Other divisions and their winners were as follows:

First place in the Junior Heifer Calf division went to Queens Manor; second to Andrea Bednarski; and third to Deborah Duncan.

First in the Intermediate Calf division went to Queens Manor; second, Erinwood Farm; and third, Taylor Allen.

Senior Heifer Calf winners were: Queens Manor, first; Don Eaton, second; and Jason Rankin, third.

Summer Yearling Heifer: Doug, Betty and Mark Campbell, first; Denise Riddle, second; and Bruce Williams, third.

Junior Yearling Heifer: Roger Wright, first; Andrea Bednarski, second; and Queens Manor Farms, third.

Intermediate Yearling Heifer: Queens Manor, first; Kimberly A. McConnell, second; and Richard Kroll, third.

Senior Yearling Heifer: Patrick G. Carey, first; Julie Will, second; and Andrea Bednarski, third.

Plum-Line Melvin Autumn owned by Patrick G. Carey took the Reserve Junior Champion title and C Bovino Warden Flora owned by Julie Will was Junior Champion.

Dry Cows four year and under: Mike and Cindy Weimer, first; Queens Manor, second; Rodney J. Donovan, third.

Dry Cows, five years and over: Queens Manor, first; Arthur Baxter, second; and Andrew Bednarski, third.

Junior two-year-olds: Queens Manor, first; Justin McMurray, second; and Mark and Melanie Bachman, third.

Senior two-year-olds: Queens Manor, first; Scott Bryner.

Junior three-year-olds; Mike Weimer and Ken Raney, first; Queens Manor, second; and Patrick G. Carey, third.

Senior three-year-olds: Arthur W. Moore, first; Dennis and Karen Halfast, second; and John and John E. Marchezak, third.

Four-year-olds: Queens Manor, first; William R. Paxton, second; and Richard Kroll, third.

Five-year-olds: Queens Manor, first; Andrea Bednarski, second; and John and Corey Will, third.

Six years and over: Rinhart Murrell, first; Melissa Wilcos, second; and Queens Manor, third.

Twin-Brook Farm took the award for the Best Three Females as well as the Produce of Dam award.

The Premier Breeder of the Show was the John Marchejak family and Premier Exhibitor was Queens Manor.

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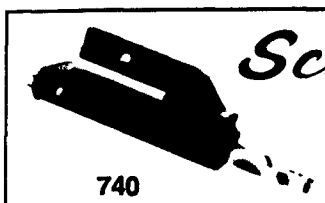

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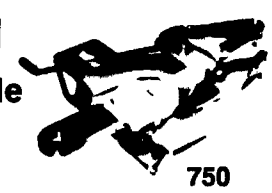

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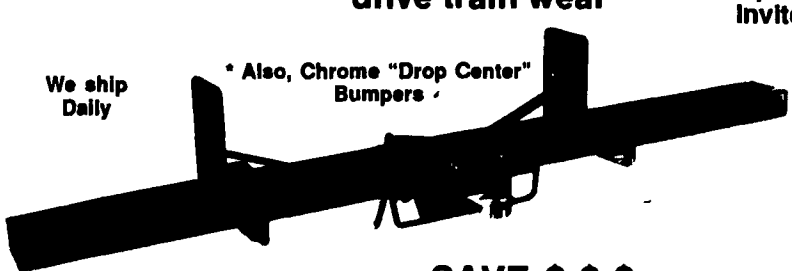

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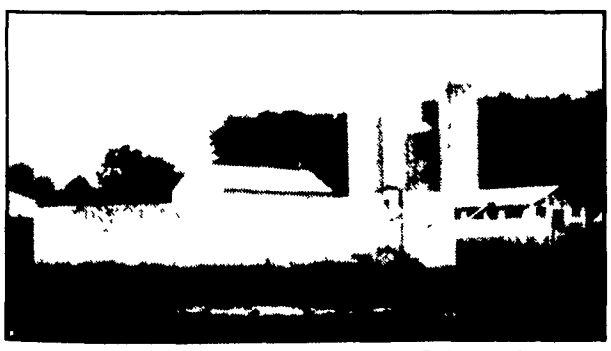
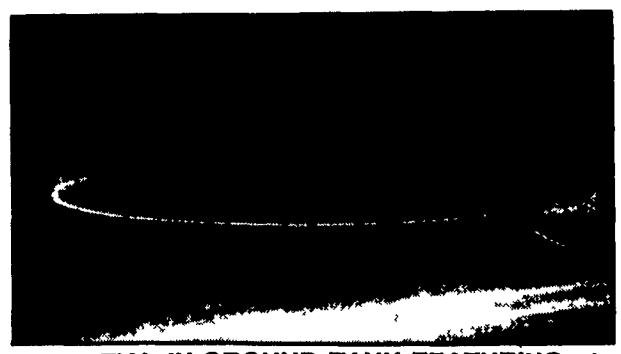


ABOVE-GROUND MANURE STORAGE TANK WITH SIDE-MOUNT PUMP



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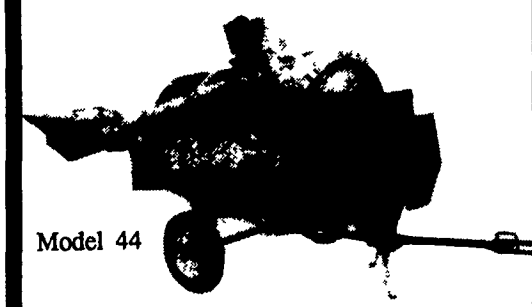

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Ag Progress Days SPECIAL REPORT

PENN STATE'S INTEGRATED WEED MANAGEMENT RESEARCH IN CORN

Greg W. Roth
Penn State
Corn Specialist

There is considerable public concern about the use of pesticides in corn production. Ideally, we would like to be able to reduce our use of these pesticides, which are mostly herbicides, to minimize the risks of any environmental contamination.

However, for many corn growers, cutting back on herbicide use at the wrong time or without the proper management could be risky.

One of our current research projects, funded by the Pennsylvania Department of Agriculture, is designed to help develop a weed management system which reduces total herbicide use by incorporating scouting and tillage into the herbicide decision-making process. Specifically, our objectives are to determine 1) the influence of tillage on annual weed populations and herbicide effectiveness; 2) the effect of the prior year's weed infestation on annual weed populations; and 3) the effect of weed seed populations in the soil on herbicide effectiveness.

Currently, herbicide rates are primarily based on soil type and weed species, with little consideration of the potential weed problem. The results of this research should provide farmers with a method of determining in which fields herbicide rates could be reduced without increasing the risk of weed control failures.

The decision-making process would be based on the severity of weed infestations during prior growing seasons and the type of tillage used for seedbed preparation. Benefits of this system would include better integration of weed control strategies, reductions in crop production costs, reductions in amount of herbicides used, and reduced weed-related crop losses.

In 1989, different levels of weed control were established at two of the field locations and soil weed seed populations were estimated during and after the growing season. Weed seed populations varied dramatically between these two sites.

At our Landisville location, we estimated from our counts that there are 1.6 billion seeds per acre in the surface eight inches of soil. While that may seem very high, it's not unreasonable when you consider that a single pigweed plant can produce more than 100,000 seeds.

At our Rock Springs location, we found a weed population of 180 million, *or about 10 times less.* Our hope is that the weed seed population on these fields can be used to predict herbicide response on these sites.

Based on research that has been done at other universities and the experiences of growers, lower rates and less expensive weed control programs can be utilized effectively on fields with low weed seed populations and less weed pressure. Our objective is to confirm this observation.

The initial data that we have gathered from the Landisville location confirms that both weed control in the previous year and tillage appear to have an effect on the amount of herbicide needed for adequate control. Where control was excellent last year, acceptable control for both broadleaves and grasses is being obtained with about 75 percent of the full rate of Bicep, the herbicide used in the study.

Where weeds were not controlled last year, or where we had 75 percent control of the weeds last year, the full rate was necessary for adequate control this year. Our data is also indicating on this site that where fields are conventionally tilled only about 50-75 percent of the herbicide rate is required to achieve the same control as the full rate in no-till.

Our observations from other experiments that have been established in two production corn fields with much different weed pressure also are suggesting, as expected, that more herbicide is needed under situations of no-till and high weed pressure.

While our results are very preliminary, and should not be used as the basis of lower recommendations, they are encouraging in that they show potential for reduced herbicide use in the future. This seems particularly promising where farmers 1) know the specific weed problems in individual fields; 2) keep track of control levels and weed populations from year to year; and 3) are able to rotate crops and tillage systems when necessary.

Trust Preserves Farm

LANCASTER (Lancaster Co.)— The Lancaster Farmland Trust, the non-profit farmland preservation group, has announced the preservation of a 55.8-acre farm in Penn Township.

Leonard and Helen Blaha have donated a permanent conservation easement on their farm to the trust, the 17th to be protected by the organization, officials reported recently.

Karen Weiss, land conservancy specialist for the trust, said, "We are very pleased to have been able to preserve the farm. The township is under increasing development pressures and the preservation of this land will help to secure the area."

Mr. and Mrs. Blaha initially expressed their interest in preserving the farm in May of this year. Although the farm is currently protected by agricultural zoning, the Blahas were concerned that nearby residential zoning would eventually change their farm's status.

"Ever since we bought the farm," Blaha said.. "I believed it should stay a farm. That feeling has always been there -- I never really had to think about it."

Alan Musselman, executive director of the trust, said, "We were able to act quickly to preserve the farm, not only to alleviate the Blaha's concerns but to insure that the farm will remain in agricultural use in perpetuity." The only tomato and potato farm in the county has been owned by Leonard and Helen Blaha for more than 28 years and is being farmed by John and Carl Myer.

The Lancaster Farmland Trust is a non-profit, member-supported organization dedicated to the preservation of Lancaster County's farmland and heritage.

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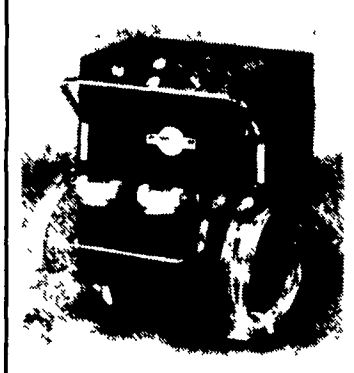

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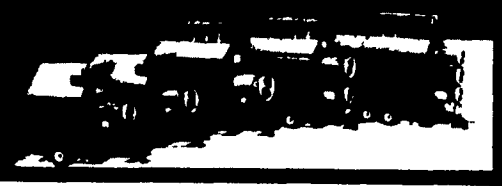

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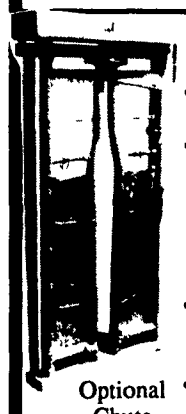

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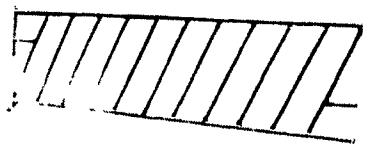

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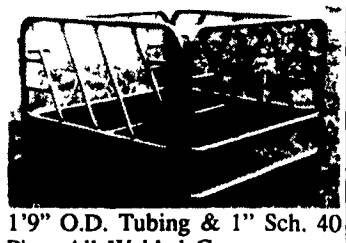

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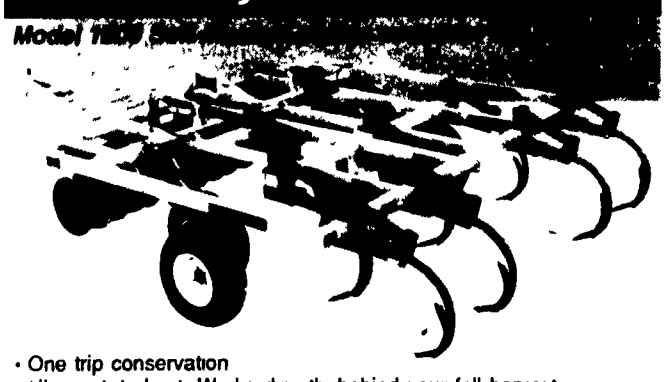

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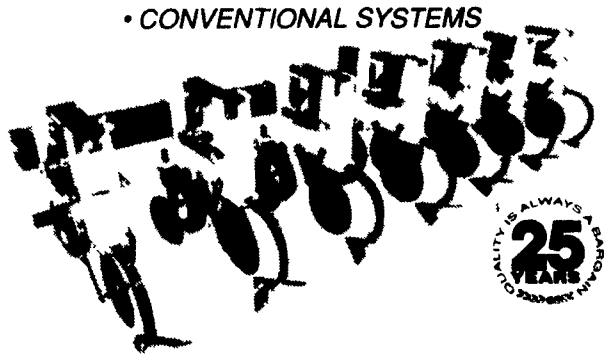

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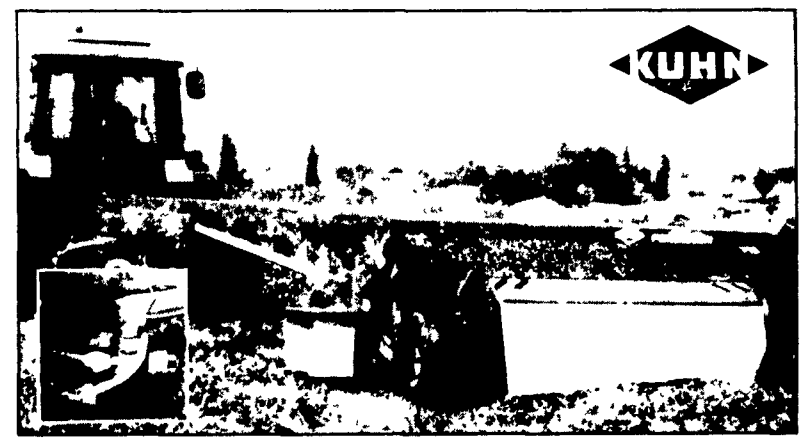

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Both Kuhn conditioning systems feature:

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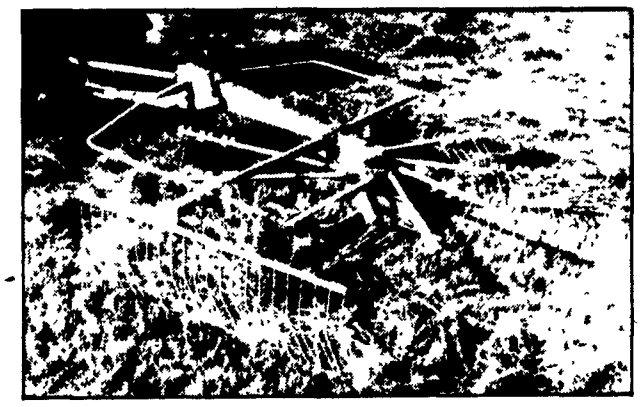
Kuhn GA series rakes let you rake or turn windrows for better quality hay in less time. One machine does it all!



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Keys To Weed Control: Evaluate, Evaluate

NEWARK, DE — "There are about as many choices for weed control in soybeans as there are types of weeds," said Derby Walker, University of Delaware cooperative extension agent. The key to good weed control is to match the weed problems with the herbicide.

"Before you begin a control program, you must properly identify the weed," Walker said. "Pay attention to its size. This is important because larger weeds may require a different control method. If you don't pick the right material or combination of materials the first time, you may have total failure of weed control. A second application with the proper material will cost you more time and money. Also, don't delay your herbicide application to let more weeds germinate or the earliest weeds may be too large to control."

After picking the appropriate herbicide or herbicide combination, set up your sprayer to provide good coverage, making sure your boom is at the right height.

Be aware of weather conditions that might adversely affect control or increase crop injury. For example, portions of southern Delaware are now under drought stress. Walker says this changes the approach to the weed problem.

"Weeds that are hardened off from the drought are more difficult to treat," he said. "You may have to increase rates or change the surfactant to a combination of surfactants and mix with a very dilute fertilizer solution. In some cases you may need to switch to a crop oil."

Walker says a surfactant with fertilizer solution gives good herbicide action without damaging beans. He suggests switching to a crop oil only if the weeds are big and difficult to control or the plants are under drought stress because crop oil will cause some injury to the soybeans. Consult the product labels for types of surfactants and crop oils to use under various weather conditions and weed sizes. Also check the label for crop rotation restrictions and risk of crop injury.

Don't count out cultivation for weed control. The agent said that an economical weed control method is the band-spray technique. With this method you spray directly over the soybeans to kill the weeds in the row and cultivate down the middle to kill any other weeds. This saves money by reducing the total amount of herbicide used.

Walker says you can also use cultivation with drop-nozzle application for control when soybeans are at least 12 inches tall. When used with 2,4-DB, this provides good, inexpensive weed control.

"Always read the labels and follow the guidelines for crop rotation restrictions, application rates, and safety precautions," Walker said.

For further information on weed control problems, contact your county extension office.

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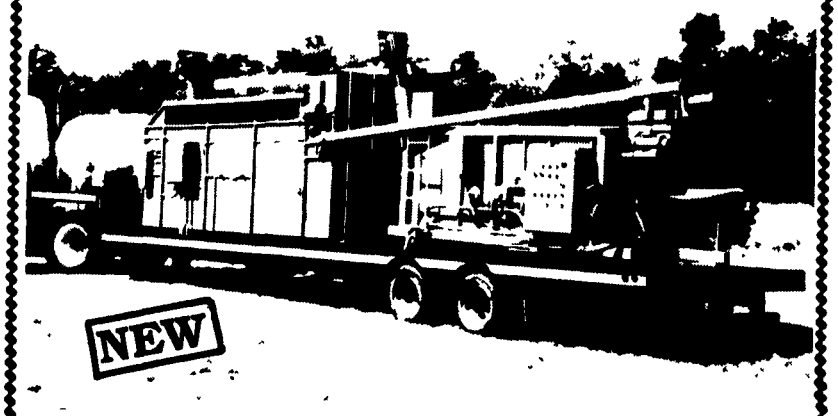

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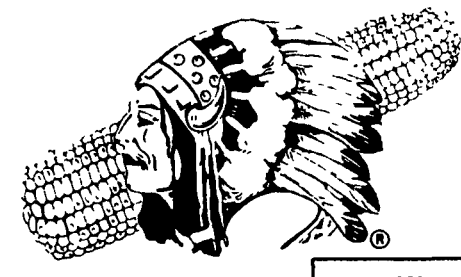

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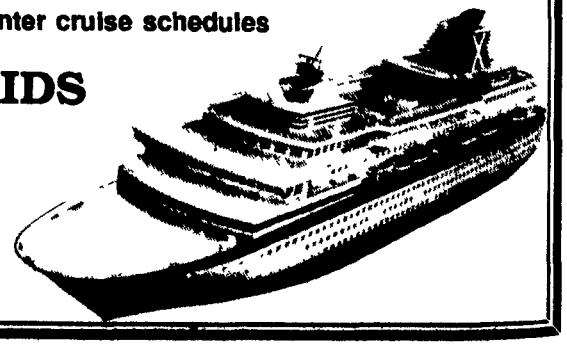

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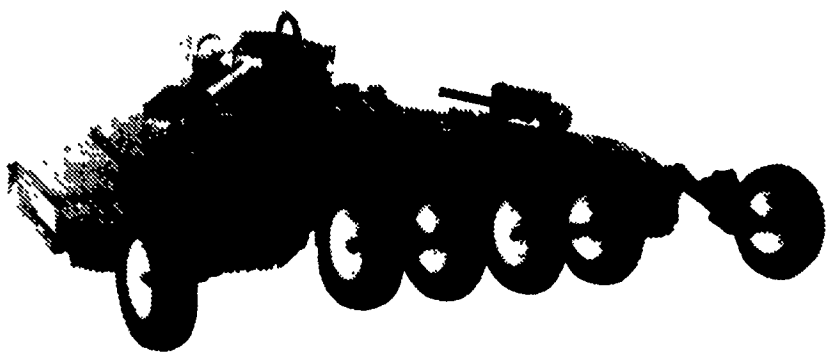

One of the toughest big cutters on the market, Bush Hog's 15-foot 3615 Flex-Wing Rotary Cutter was developed for heavy duty cutting chores on rugged terrain. It cuts material up to 3-inches thick and operates from 90° up to 20° down. Spring-loaded axle assemblies and heavy duty slip clutches are standard equipment. A minimum 80 hp tractor is recommended.

Features include level lifting of center and wing units, a narrow profile tongue for better turning radius and specially designed, heavy duty gearboxes. So if you've been beating the bushes and need a really tough rotary cutter, hitch the Bush Hog 3615 to your tractor. You'll make those bushes, stalks, grass and saplings virtually disappear.

WHY CUT GRASS WHEN YOU CAN GROOM YOUR LAWN?

Turf Hog Rotary Cutters

Available in 4, 5 and 6-foot cutting widths, Turf Hog Mowers from Bush Hog® create clean, well trimmed and manicured lawns. The design of these rugged implements prevents streaking, lifts grass for better clipping and permits use in damp conditions. Come in and see how economical it is to have a Turf Hog behind your tractor... even if it's as small as 11 HP.

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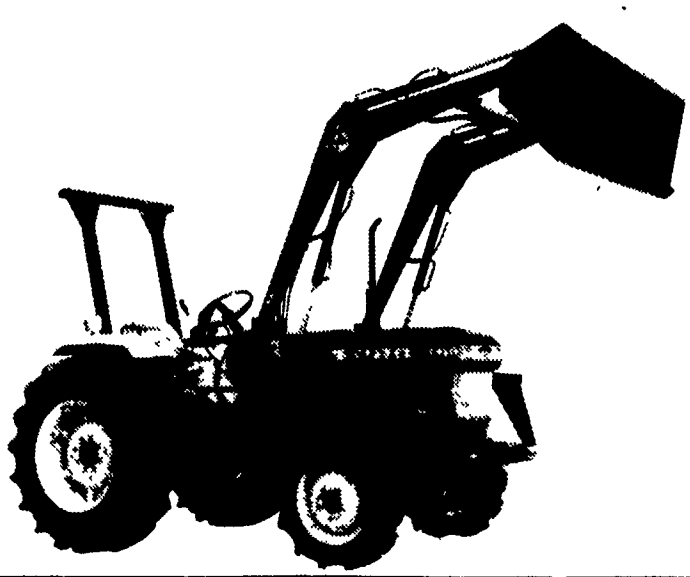
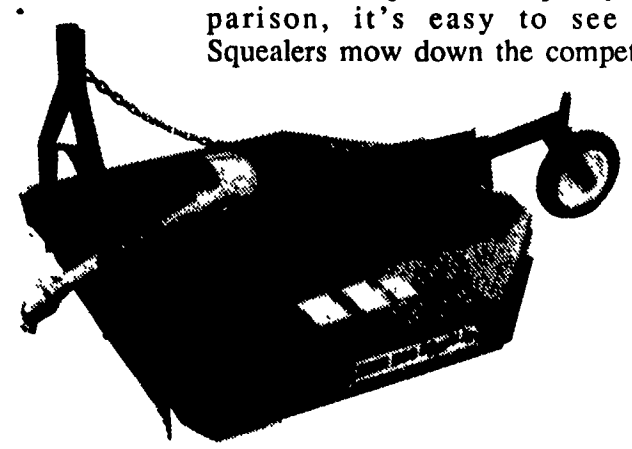


WHY BUSH HOG SQUEALERS MOW DOWN THE COMPETITION.

There are two basic reasons and quality is the first. Each Squealer model is equipped with Bush Hog's tough, patented gearbox. All models except the 42 inch wide cutter feature oval blade pans, and the 60 and 72 inch wide models have an "in-line" shear bolt with ball bearing protection that can be replaced in a snap. An optional slip clutch is available.

The second reason for the Squealer's popularity is price. Select any of five models, 42 to 84-inches wide, and compare prices with the competition. With a true price and quality comparison, it's easy to see why Squealers mow down the competition.



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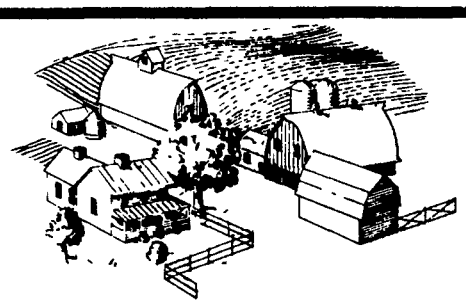


FARM MANAGEMENT

ALL THAT GLITTERS . . .

Roland P. Freund
Regional Farm
Management Agent

The bowerbird collects bits of broken glass and any shiny objects it can find to put in its bower. The junk that gets collected serves no functional purpose, but the Australian bird collects it because of the glitter.

Sales people and advertising agencies know that people are also attracted to bright and shiny objects. These days everyone is being barraged with glitz and hype in an effort to get them to contribute to the profits of manufacturers and sales people.

There is a strong temptation for farmers to accumulate glittering objects of their favorite paint color. Remember what Grandma used to say? "All that glitters is not gold!" We might add - ". . . or does it produce gold, and in fact much of it will cost *much* gold."

There are many occasions when new structures and new equipment are necessary and justifiable. But often hundreds of thousands of dollars are committed without any serious planning or pencil pushing.

Control emotions

If something is wanted badly enough, many reasons can be dreamed up to justify spending the money to get it. Just wanting a business asset is not a sound basis, from a management perspective, for getting it.

Firm discipline may be necessary to control impulse spending.

Let's look at some considerations that might be helpful in the decision-making process.

Whose money?

If it's your own capital that you plan to use, then you (subject to your spouses approval) have the liberty to do what you please with it. But you need to be careful to distinguish between investing for profit and spending for self-satisfaction, lest you deceive yourself and your family members.

When a credit institution has to supply the finance, then they have a right to call the shots. They are going to be concerned about your debt repayment ability, your exposure to risk, and that their credit is secured by your real estate or other collateral.

This opens you up to another risk. You could get the finance to build a structure or purchase a line of equipment but, if your default on the loan, you lose the farm. Leasing an asset to bypass the banker could be like playing Russian roulette with the banker's revolver.

If you cannot afford to buy it, there are very few situations where leasing of buildings or equipment can be justified.

How much gold?

The first estimate is usually not what you pay. Carefully estimate the "add-ons" such as site preparation, manure storage, electrical service, and desirable or comfort options.

Check to see if Pennsylvania sales tax is applied to your investment. If a new building or structure expands the operation, include the value of the livestock or feed they contain as added inventory.

Interest on the contents of a structure may be greater than the interest on the structure itself.

The biggest problem facing our farms today is that there is too much investment for too little profit. If we can't make more profit then we have to *reduce* investment.

Gold earned

During its life, an asset should generate more additional income than the amount necessary to amortize the investment. In other words, the business must be better off at the end of the repayment period, or the investment was not profitable.

With structures we need to consider how much more the business, with the added asset, is worth to a prospective buyer. This should be estimated for the time when the asset is new, but it is more important to estimate the added value for the asset when the bank loan has been repaid.

A realistic market-value balance sheet should not list the asset at more than "added value" at any time during the life of the asset. Unfortunately, few 10-year-old livestock facilities add anything to the value of southeastern Pennsylvania real estate. This means that, unless they generated a pile of profits during their useful life, they are a risky form of investment.

Annual cost to own

Check the cost for the insurance to cover the investment *and* its contents. Grain in a structure is often worth more than the bin. Local taxing authorities raise taxes for added buildings.

If the total investment is financed over the useful life of an asset, then the amortized payments should be included in ownership costs.

Where the owner finances all or part of an asset purchase, then interest and depreciation on that percentage, which is the owner's equity, should be included as ownership costs.

Operating cost

In some cases, new purchases can be justified because it is no longer economical to maintain and repair the old equipment. However, new high capacity and high technology models might be more expensive to operate.

Careful checking among existing owners can reveal the reliability plus operating and repair costs which they have experienced on equipment which you are considering. This could save future grief.

Labor requirement

Look at the entire system when evaluating labor efficiency. Some structures might be very simple and efficient to fill, but require several hours per day to unload the required volume of feed.

With hay-making equipment, speeding the baling process might be for naught because the bale handling and storage system is where the bottleneck occurs.

Saving labor at the cost of feed quality may be a costly exchange.

Temper the emotions

When faced with the burning desire to buy something new, try to remain calm. Don't allow yourself to be rushed. Take the time to consider the costs and the alternatives.

Contact your extension office for help in evaluating your options. It could help make your business more profitable and your family life happier.

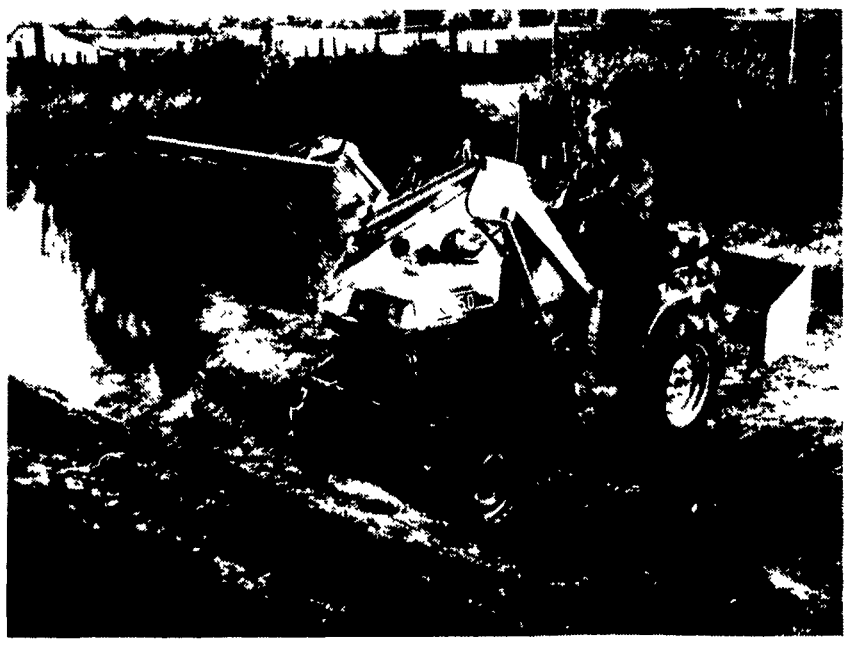
THE ANSWERS FOR WORKING SMARTER

Kubota's B-Series and L-Series Tractors provide answers for working smarter at general or weekend farming, light construction and landscaping. Kubota tractors are powerful, ranging from 10–49 PTO. They're versatile, too – with quick-attach implements that answer mowing, scraping, tractor/loader/backhoe and tilling needs.

Select a compact yet powerful B-Series Kubota for HST transmission, power steering and optional Bi-Speed Turn. A mid-size L-Series Kubota offers a variety of transmissions including the new Ever-Clutch and advanced Glide Shift Transmission.

When the question is how to work smarter, Kubota offers a multiple choice.

Kubota Tractor Corporation Markets a full line of tractors from 10 to 85 PTO horsepower through a nationwide network of nearly 1,000 dealers.



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Ag Progress Features Composting

Thomas S. Becker
York Co. Horticulture Agent

Penn State Cooperative Extension would like to help you begin composting. A backyard compost display with composting instruction will be available at the lawn and garden tent during Ag Progress Days.

Composting is a practical method of turning leaves, grass, weeds and other organic materials into a valuable resource. Composting is the oldest way to recycle. It is a natural process which changes organic matter into a dark, rich and crumbly substance called humus. Humus is an excellent soil conditioner.

Gardeners have always appreciated the benefits of using nutrient-rich compost. Adding compost improves the quality of soil and increases water retention. The result is healthier plants that require less water and fertilizer. If you have a garden, lawn, trees, shrubs or even planter boxes, you have a use for compost.

Composting also benefits the environment and the community by removing yard waste. Reducing the total amount of waste controls handling costs.

Composting speeds natural decomposition. Microbes feed on organic materials and churn out humus -- a process requiring moisture and oxygen. As they work, their activity causes temperatures within the pile to rise to 160°F, speeding the process and killing many disease organisms and weed seeds.

Your Own Backyard Project. Any time of year is the right time to begin a compost pile, but some people prefer autumn with its abundance of leaves. The simplest way is to pile together organic materials.

However, a holding bin will provide an easy way to contain your compost pile. The size of your holding bin can vary. For most people, a 5' long by 4' wide by 3' high bin will serve.

You can build a bin inexpensively using chicken wire, scrap wood, snow fencing, or cinder blocks. Place your compost bin in a convenient location and add grass, leaves, and organic materials as they collect. You need microbes to assist the decaying process. They can be added by layering with topsoil or using compost starters. Wet each layer well.

Turn the pile monthly. Turning provides ventilation and shifts the materials from the outer edges of the pile to the center, where they are heated and broken down. Water the pile thoroughly but not to the point of soaking. This method can produce usable compost in about six months.

Two-Bin System. A quicker system calls for more turning and one or two adjacent bins. Just shift the compost from one bin to another.

This method will produce usable compost in just a few months. When the material is uniform in color and texture and crumbly to the touch, you're ready to start gardening with your homemade compost.

Composting Hints to Remember:

- If you want to make compost quickly, you can add other natural materials to your leaves. Good additions are fresh grass and green plant materials, nitrogen-containing fertilizers, and farm manure.
- You can also speed up composting by shredding or chopping materials to be composted.
- Covering the compost pile with a tarp can help retain moisture and heat during the winter months. This will also protect the pile from becoming too wet when it rains.
- Turning is not recommended in cold weather because it will allow too much heat to escape.
- A bin can be quickly made by putting three or four pallets (skids) together.
- Make compost in leaf and lawn bags by filling the bags with leaves. Add 2/3 gallon of water, a handful of fertilizer, and a shovel of top soil. Mix well. Put two or three small holes in the bottom. You'll have humus by spring.
- A properly-heated compost pile has no odor. If you detect ammonia or an other offensive odor turn the pile immediately.
- Allow enough time for the organic materials to decay into a dark, crumbly substance. Compost that is not fully decomposed may cause nitrogen starvation when used on plants.

Composting Benefits. Soil Incorporation- Mix compost thoroughly into the soil of vegetable gardens and flower beds before planting.

Mulching- Compost may be used as a mulch -- spread over the surface of soil to suppress weed growth. Do not pile green grass clippings around your plants.

Grass Clippings- Grass clippings left on the lawn can actually help you maintain a vigorous, more durable lawn. You can safely leave clippings on your lawn so long as they are not excessively long or weedy.

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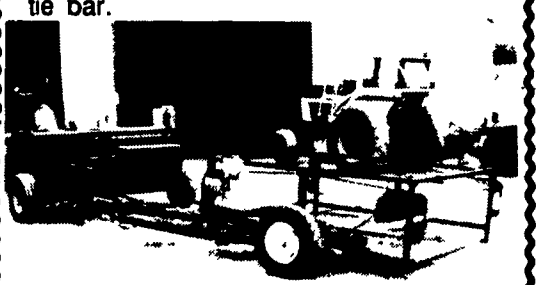

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Youth Exhibit Simmentals At Junior Show

SEVEN VALLEYS (York Co.)— Celtic Springs Farm, owned by Peter and Holly Byrne, hosted the Pennsylvania Junior Simmental Association (PJSA) annual field day on July 21, 1990.

Scott Eastep from Spring Grove, VA, judged the junior show. After the junior show, lunch was served and provided by Celtic Springs Farm.

The show awarded grand junior showman champion to Keith Carlisle of Claysville. The champion senior showman was Jeremey Hay of Berlin.

Following is a list of show placings.

Grand Champin Cow/Calf Pair
TJ's Fall Lady, sired by C.P.S., heifer calf sired by Kingpin, exhibited by Alissa Cowell of Waynesburg

Junior Showmanship (ages 8-13)
1 Keith Carlisle, Claysville, 2. Derrick Carlisle, Claysville, 3 Alissa Cowell, Waynesburg

Senior Showmanship (ages 14-20)
1 Jeremey Hay, Berlin, 2. Jamie Cowell, Waynesburg, 3 Joyce Stough, Seven Valleys.

Champion Junior Showman
Keith Carlisle

Champion Senior Showman
Jeremey Hay

(Turn to Page D19)

Reserve champion steer, sired by Stough's Phoenix, was exhibited by Wade Myers, Dallastown, at the Pennsylvania Junior Simmental Association's annual field day last month.

Grand champion heifer at the Pennsylvania Junior Simmental Association's annual field day was Jrr Miss Grace, sired by Lightning and exhibited by Jamie L. Cowell, Waynesburg.

Reserve champion heifer at the field day was Crum's Papilion, sired by Papilion and exhibited by Keith Carlisle of Claysville.

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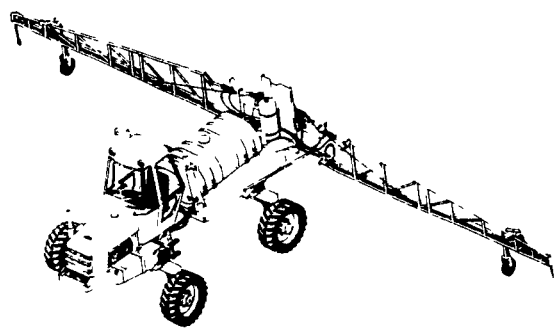

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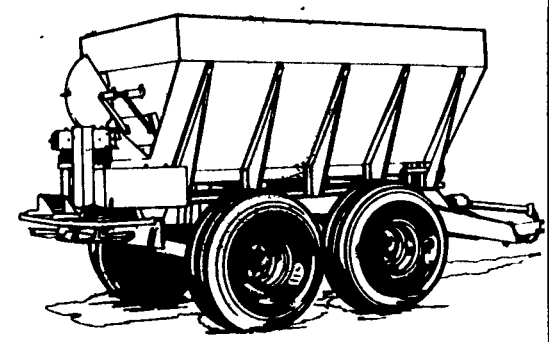

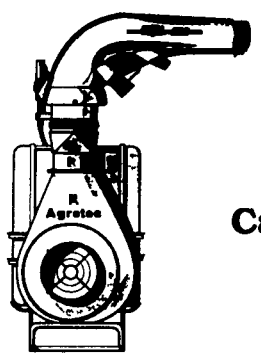

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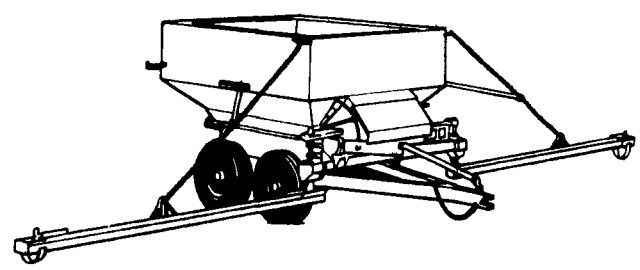

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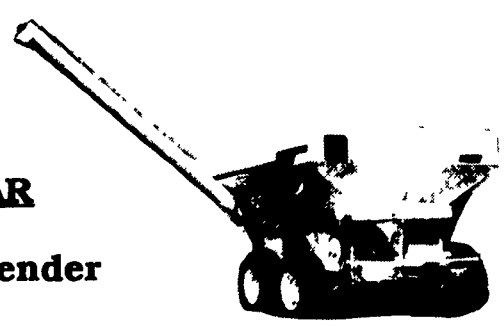

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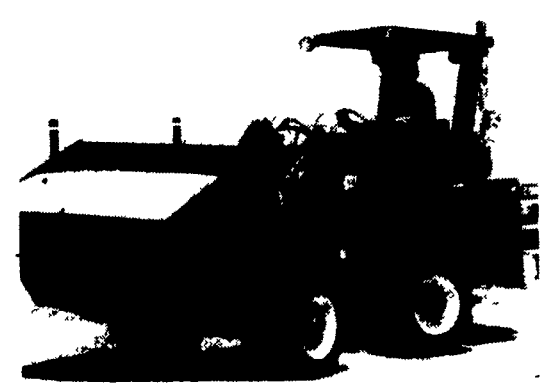

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Youth Exhibit Simmentals

Newly elected officers of the Pennsylvania Junior Simmental Association are, left to right, Keith Carlisle, Claysville, secretary/treasurer; Jamie Cowell, Waynesburg, president; and Jeremey Hall, Berlin, vice president.

Grand champion steer, "Homer Simpson," is sired by Cherithbrook Mr. Abe and exhibited by Joyce Stough, Seven Valleys.

Newly elected PJSA Simmental Queen is 18-year-old Kenley Jo Myers of Dallastown.

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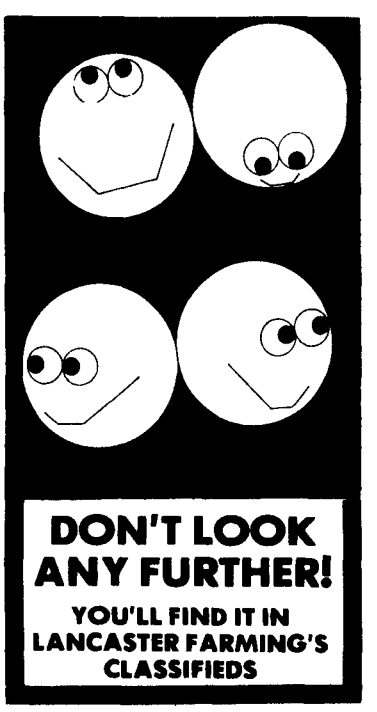

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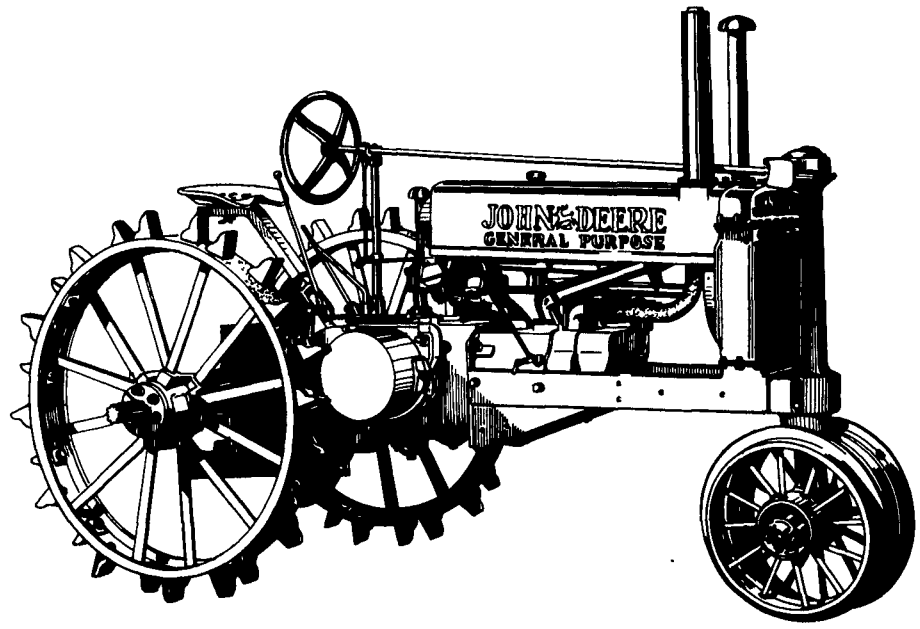

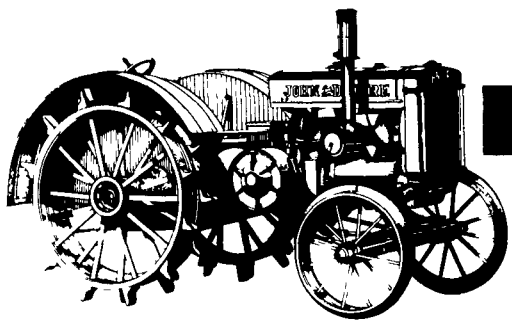

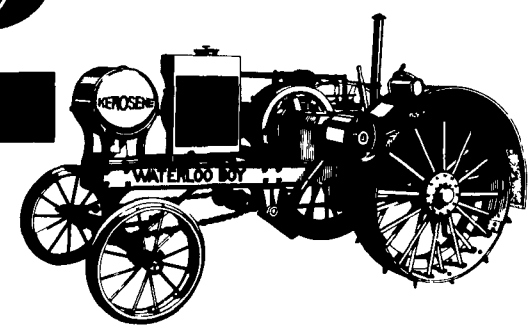

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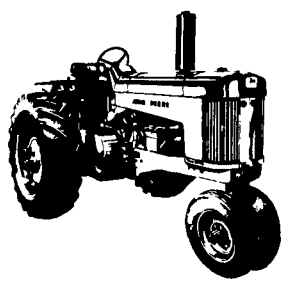

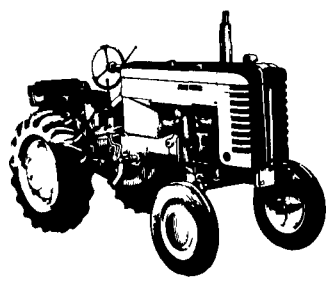

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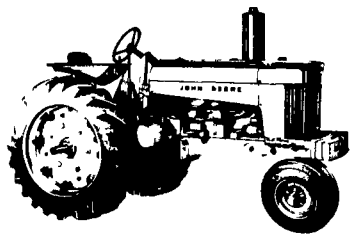

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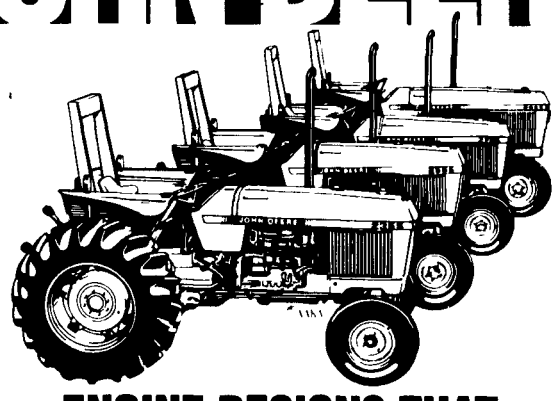

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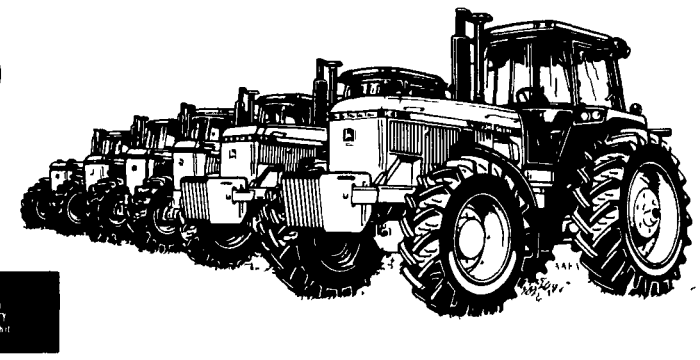

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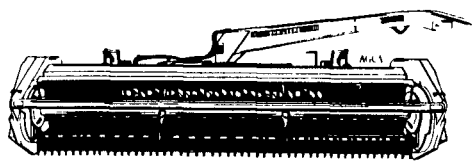

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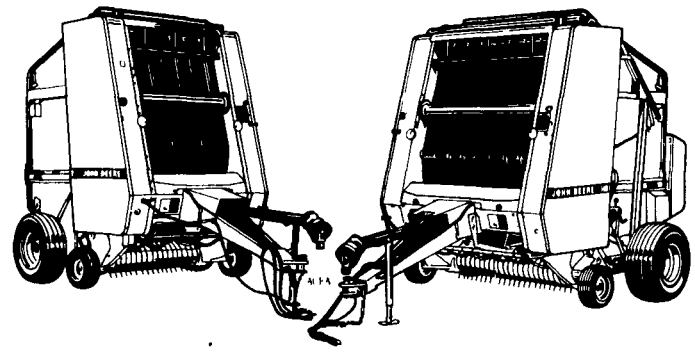

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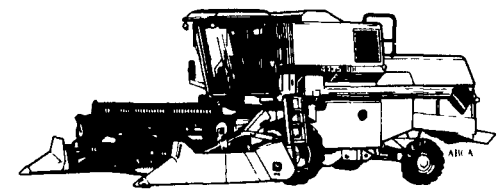

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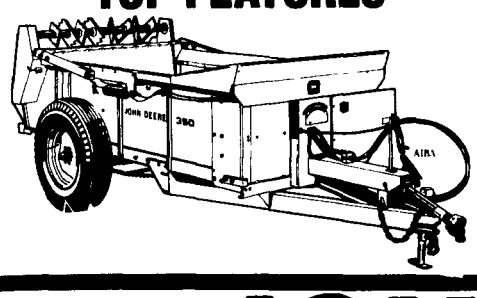

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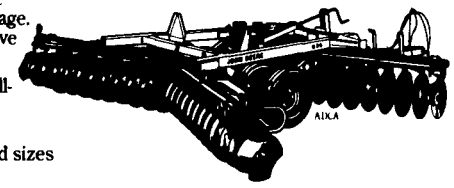

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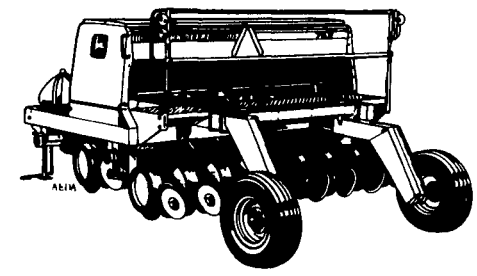

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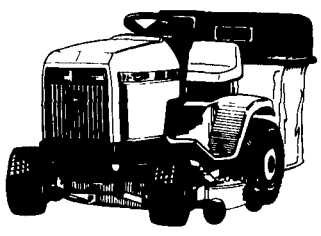

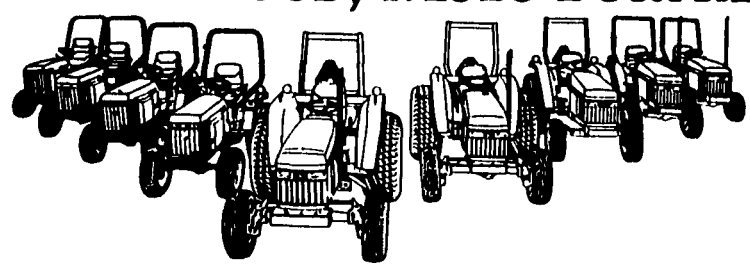

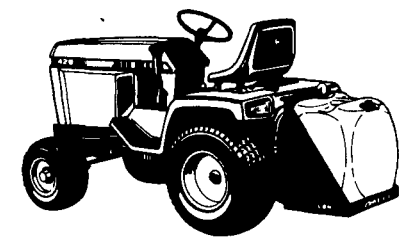

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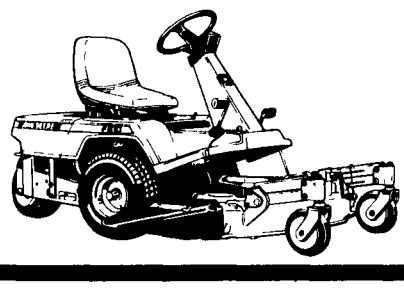

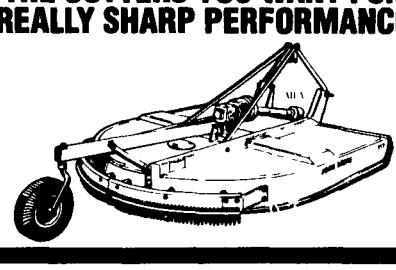

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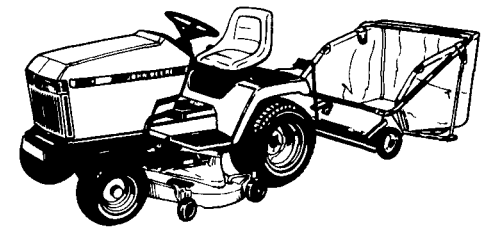

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Are Young Farmers An Endangered Species?

WASHINGTON, D.C. — Are young farm operators becoming an endangered species? In 1987 the average age of the farm operator was 52 years. Fifty years ago, at the start of the lifetime of the average farm operator, the average age was only 48.7 years.

Since 1940 the number of farm operators under age 35 has declined an astonishing 77 percent and they represent just over 13 percent of America's farm operators in 1987. However farm operators over 55 years of age accounted for about 35 percent of all operators 50 years ago, while they account for 45 percent in 1987.

Dr. Charles Pautler, chief of the Census Bureau's agriculture division, says the rising age of the American farm operator might reflect the difficulties facing young people who want to get started in farming. According to Dr. Ronald Wimberly, sociologist at North Carolina State University, "Getting into farming is not like getting into other jobs. Viable farmers require formal education, capital resources, and general farm experience passed on from one generation to another." Wimberly believes these factors have and will limit the number of young people who enter agriculture.

Pautler says that when some older farm operators retire or cut back on their farming activities, part of their land is absorbed by other farms still active. This means that some farms shrink or disappear, while others increase in size. Since 1940 the average size farm has grown from 175 acres to 462 acres in 1987. Pautler also points out that the number of farms have declined by almost 66 percent and the land has declined in farms by just over 9.4 percent in the same time.

There are age differences by type of farm and sales according to the latest census of agriculture. For example, the average age of beef farm operators is 55 years, while that of dairy operators is 48 years. Farms with sales of less than $10,000 a year tend to be operated by persons older than the national average. Those bringing in $50,000 or more a year tend to have operators whose age is below the national average.

You can even find regional differences in the age of farm operators. The census of agriculture shows that West Virginia, which has the highest percentage (81%) of small farms, has the highest average age for farm operators at 56 years. The nation's lowest average age is 48, in North Dakota.

Calvin Beale, chief demographer at the U.S. Department of Agriculture, said that the "stabilization of the age structure (of farm operators) has yet to occur and the number of middle age farmers is expected to decrease until the turn of the century."

All in all, the picture for American agriculture is very healthy, according to Pautler. Over the last 50 years, the nation's farm operators have gotten older, yet American agriculture has experienced tremendous productivity gains. The increasing age of farm operators is no danger to our abundant food and fiber supply.

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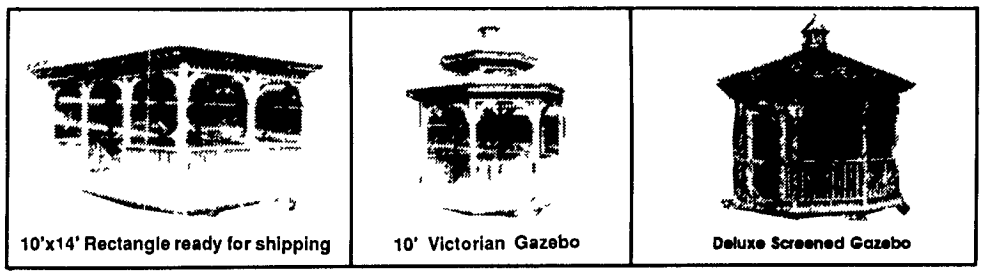

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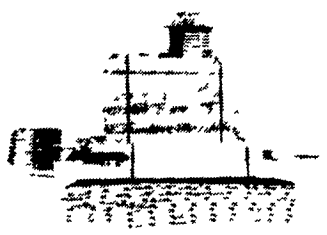

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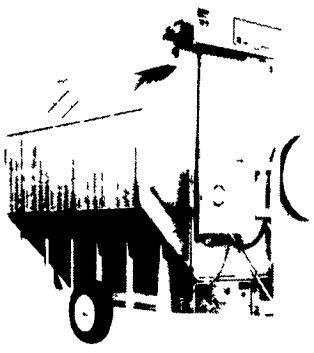

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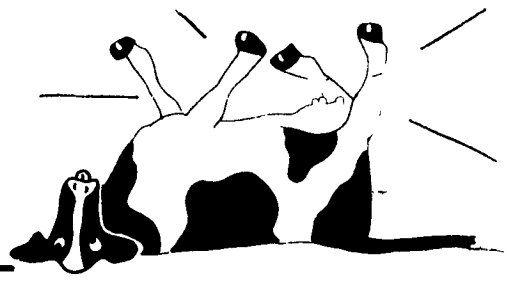

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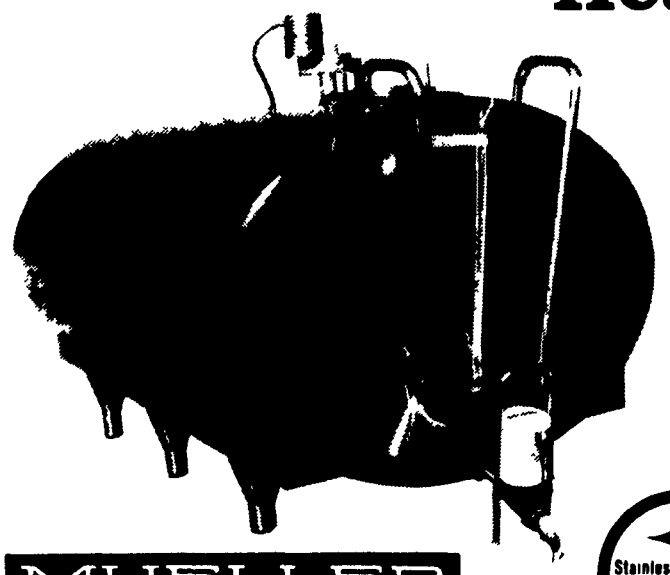

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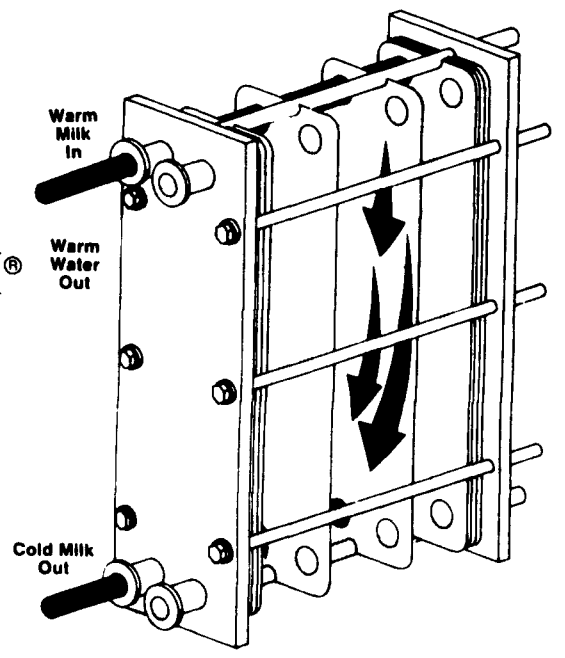

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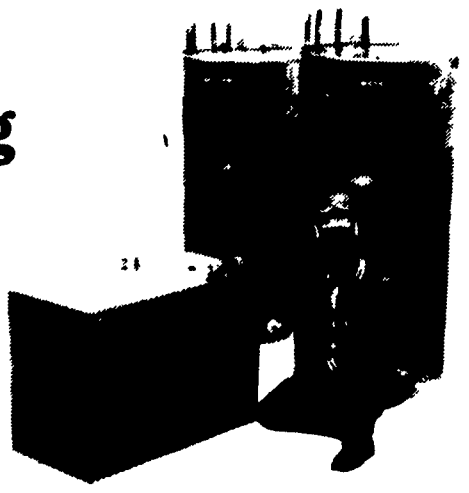

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Ag Progress Days SPECIAL REPORT

DON'T JUST STASH YOUR TRASH: REDUCE, REUSE, RECYCLE

by Robert J. Thee
Multi-County Extension Agent

Getting rid of garbage is getting more expensive. Our landfills are quickly filling up and, once they are filled, where are we going to find a place to build new ones? Most people don't want a landfill in their backyard. Incineration is one alternative and can also produce energy, but the ashes must still be disposed of in a landfill. The rotten truth is that you simply can't make nothing out of something.

What can households do to get rid of their trash? Remember the three R's: reduce, reuse, and recycle.

The first step is to reduce the amount that you throw away. Shop with waste disposal in mind by avoiding products in excessive or non-recyclable packaging. Buy products in a refillable container or in a concentrated form. After all, why buy water when you can add your own?

For items that store well, buy the largest size that you can use to minimize packaging. For other items, buy only what you need or will use up so that there is nothing leftover to be thrown out. Avoid disposable or one-use items.

The best method of reducing trash is to purchase items that can be reused, the second R. There has been much discussion, for example, on the relative merits of paper versus plastic grocery bags. Comparing them from a total system point of view, that is from production of the paper and plastic, transportation of raw materials and finished product, their use of energy and effort on air and water, and finally disposal of the end product, the advantages of one over the other are small. The best alternative is to use neither but purchase a canvas or plastic tote bag and reuse it.

When packing a lunch, use reusable plastic containers rather than plastic or paper wrap or bags.

The third R is recycling. Recycling is collecting waste from individuals and businesses and making it into somrthing that is usable and useful. Recycling begins while you are shopping. Purchase items packaged in recyclable containers.

Find out what materials are being recycled in your community. Newspapers, clear glass, colored glass, aluminum, corrugated paper, and steel and bi-metallic cans are commonly being recycled. Two types of plastics that are easy to recycle are the PET (polyethylene terephthalate) from soft drink bottles and HDPE (high density polyethylene) from milk jugs. Look for the recycle symbol on products you purchase. Aluminum foil and pie plates are not usually accepted because food particles cannot readily be removed.

To prepare glass for recycling, rinse and remove lids or metal rings. Newsprint can be put into paper grocery bags or tied in bundles. Some places may prefer that you sort out the slick paper such as the coupons, the Sunday magazines, or some store advertisements. Aluminum beverage cans should be rinsed. Steel and bi-metallic cans can be identified by testing the top and sides with a magnet. Rinse them and flatten them to save space. Plastic bottles should also be rinsed. Cleaning the materials is important to prevent odors and attracting vermin while stored at your place and at the recycling collection point.

Managing household waste is a problem all Americans are facing. Consumers who take positive steps to help resolve the garbage crisis will experience some changes in their lifestyle, but the benefits may be well worth it. Learn as much as you can about the garbage situation in your community. Attend public meetings where discussions and decisions about waste management are occurring. Individual action makes a difference.

For additional information stop at the Penn State Cooperative Extension Exhibit at Ag Progress Days, August 14-16, 1990 at Rock Springs, Pennsylvania.

Corn Product Now De-Icer

ST. LOUIS, MO — The use of calcium magnesium acetate (CMA), a product of corn as a highway and bridge de-icer is effective but it has some budget obstacles, a panel of four concluded at the Corn Utilization Conference III sponsored by Ciba-Geigy Seed Division and the National Corn Growers Association (NCGA).

The strongest backing of CMA, based on actual experience with the product, came from Samuel Pollock, a hydrogeologist with the Massachusetts Department of Public Works.

Pollock showed a series of studies that prove groundwater supplies were contaminated with sodium chloride from heavy applications of salt to highways, and that levels decreased significantly when highway crews used CMA instead.

Dan Walters, manager of deicing chemicals for Chevron Chemical Company, which produces and markets CMA, agreed with Pollock's research.

They, and other panel members Dr. R. Fulmer of Cargill and Dr. Robert Busche of Du Pont, generally agreed that the main obstacles to CMA are the higher initial cost compared to salt, which shows up in budget requests.

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AGRICULTURAL RESEARCH PROGRAM

Request For Agricultural Research Topics For Possible Funding In Fiscal Year 1991-92

The Pennsylvania Department of Agriculture is requesting suggestions for topics on which agricultural research should be performed. Topics may cover the following aspects of agriculture:

Production, profitability of production, planting, growing, harvesting, post harvesting, processing, breeding, genetics, slaughtering, by-product use or disposal, economics, physiology, nutrition, management, nutrient management, environmental concerns, consumer acceptability, disease and pest control, and other similar type parameters.

Topics must exclude: marketing research and promotional activities.

All suggestions for topics must be submitted to the department in writing by Sept. 7, 1990 at the following address:

Pennsylvania Department of Agriculture
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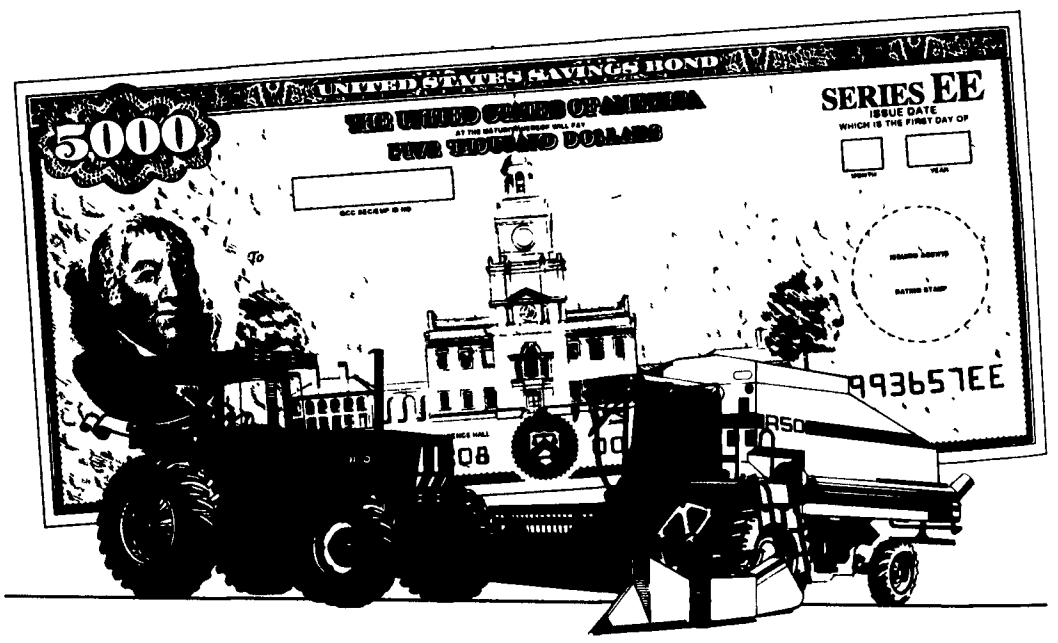

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Elanco Equipment Measures Pork Lean Content

INDIANAPOLIS, Ind. — Elanco Products Company, a division of Eli Lilly and Company, announced today that it is developing in conjunction with Systems Research Laboratories new ultrasound equipment for use by meat packers to measure the lean content of pork carcasses. The announcement was made at the American Society of Animal Science meeting in Ames, Iowa.

Responding to hog producer and packer needs for a means of consistently and objectively measuring the lean content in an individual carcass, Elanco is developing new computerized digital ultrasonic scanning and automatic data acquisition equipment. According to project manager James T. Whitehead, "The use of noninvasive ultrasound equipment will create a more objective and reliable system of payment for market hogs, because it recognizes the leanness of an individual animal."

Through genetic and nutritional improvements, the swine industry has improved the quality of pork by making it leaner. The industry has responded to consumer's demand for leaner and healthier meat products. In order to help meet this demand, the packing industry needs a system to consistently, objectively, and economically measure lean and reward hog producers based on the amount of lean in each carcass. Accordingly, in 1989 Elanco and Systems Research Laboratories, (Division of Arvin/Calspan), entered into an agreement to develop a prototype ultrasound system capable of measuring the lean content of individual pork carcasses.

"This equipment is good news for hog producers and good news for packers," said Whitehead. "It will be of value to the producer because the amount of lean on his hogs will be more accurately predicted and it will be of value to the packer because it will automatically evaluate the leanness of an individual carcass and will do so with no damage to the carcass."

"If Elanco's ultrasound equipment results in a system in which packers can reliably compensate producers for leaner pork, we're all for it," said Dr. David Meeker, vice president of research for the National Pork Producers Council (NPPC).

Elanco is committing significant resources to developing an effective ultrasound lean measurement system. "The ultimate objective of this project is to have equipment capable of use in the pork packing industry at its high line speeds," said Dr. A.L. Schroeder of Lilly Research Laboratories. Elanco and Systems Research Laboratories have joined in a developmental effort to adapt aerospace technology which uses computerized digital ultrasound scanning systems for technology application in the packing industry.

According to Ken Langhout, general manager of Systems Research Laboratories, "We have developed sophisticated ultrasound equipment for a number of industries, including the aerospace. We are very happy to be a part of introducing this kind of highly accurate measurement system to the meat packing industry."

"Pork producers need to have a reliable system for measuring the lean content of pork carcasses. Elanco's developments with ultrasound equipment is good news," said Mike Wehler, president of NPPC and a producer from Plain, Wisconsin.

Farm Credit Will Be At Ag Progress

BALTIMORE, Md. — "Farm Credit ... All that we do will amaze you!" is the theme Pennsylvania Farm Credit has selected for their display at Ag Progress Days, August 14-16, at Rock Springs.

When you enter the exhibit, designed as an actual maze, you will see and learn about the history of Farm Credit, the wide range of products and services they offer, and more.

Pennsylvania Farm Credit is made up of four separate associations, including Keystone Farm Credit, York Farm Credit, Penn-West Farm Credit, and Northeastern Farm Credit.

Pennsylvania Farm Credit is affiliated with the Farm Credit Bank of Baltimore, part of the nationwide Farm Credit System.

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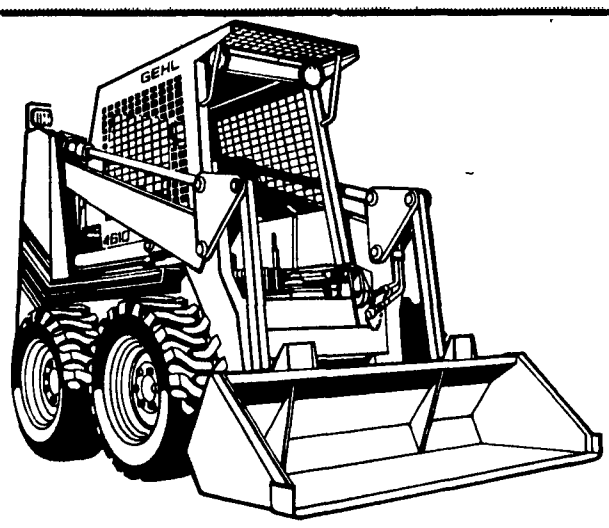

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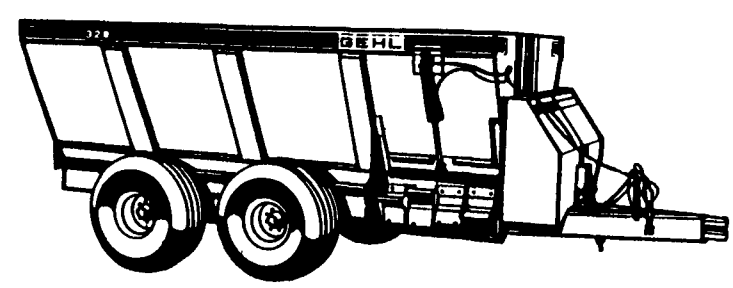

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Seminar Studies Swine Management

NEW STANTON (Westmoreland Co.) — The tenth annual Western Pennsylvania Pork Field Day/Seminar is set for Saturday, Sept. 15, 1990 at the Knights Court Motel.

The show begins at 9 a.m. with registration. Some of the topics to be covered include swine barn safety/dust control, nature of the animal welfare/animal rights movement, handling animal rights/animal welfare confrontations, effects of handling and environment on pork quality, and the genetic component of pork quality.

Featured speakers include Dr. Tom Harstock, extension swine specialist, U. of Md; William Kelly, Westmoreland County agent; Dr. Ken Kephart, extension swine specialist, Penn State; Robert Mikesell, graduate assistant, dairy and animal science, Penn State; Dr. Dennis Murphy, extension ag engineer, Penn State; and Mary Sue Shick, Washington County extension agent.

Registration fee of $8 per person is due by Sept. 4, 1990. Make check payable to Westmoreland County Extensoin Fund and mail it to the Pa. Pork Field Day, c/o William Kelly, P.O. Box 250, Greensburg, PA 15601, or contact Mary Sue Shick, Cooperative Extension Office, Washington County, at (412) 228-6881.

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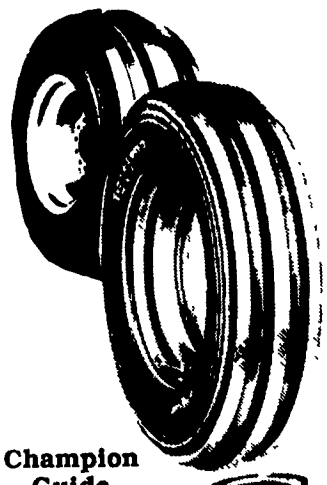

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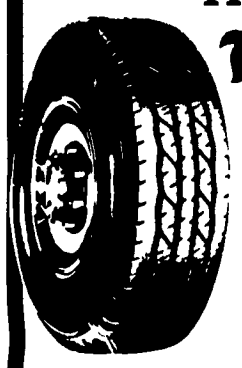
30.5LR32★	$1130.00
18.4R34★	$515.00
20.8R34★	$825.00
23.1R34★	$980.00
16.9R38★	$510.00
18.4R38★	$505.00
18.4R38★ ★	$653.00
20.8R38★	$760.00
20.8R38★ ★	$930.00
18.4R42★ ★	$680.00
18.4R42★ ★ ★	$780.00
20 8R42★	$815.00

TRUCK TIRES



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LT215/85R16, 8 Ply	$90.00
LT215/85R16, 10 Ply	$94.00
LT235/85R16, 10 Ply	$99.00

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LT 215/85R16, 8 Ply	$97.00
LT 235/85R16, 8 Ply	$100.00
LT 235/85R16, 10 Ply	$106.00
LT 245/75R16, 10 Ply	$106.00
8 75R16 5, 8 Ply	$94.00
9 50R165, 8 Ply	$103.00

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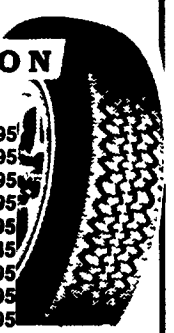
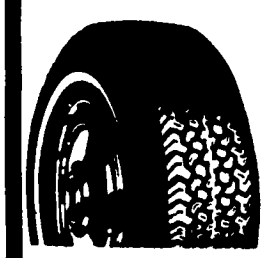
Firestone SUPREME ALL-SEASON RADIALS!

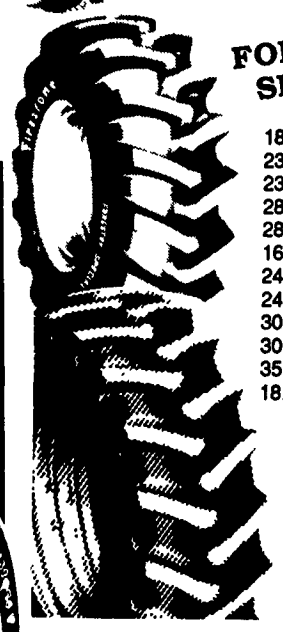


P155/80R13 WW	$39.95
P165/80R13 WW	$47.95
P175/80R13 WW	$49.95
P185/80R13 WW	$51.95
P185/75R14 WW	$54.95
P195/75R14 WW	$57.45
P205/75R14 WW	$59.95
P205/75R15 WW	$60.95
P215/75R15 WW	$64.95
P225/75R15 WW	$67.95
P235/75R15 WW	$70.95

SEIBERLING II By Firestone



80R13/80R13	$29.95
P165/80R13	$34.95
P175/80R13	$37.95
P185/80R13	$40.50
P185/75R14	$40.95
P195/75R14	$41.95
P205/75R14	$44.95
P205/75R15	$46.95
P215/75R15	$47.95
P225/75R15	$49.95
P235/75R15	$50.95



FORESTRY SPECIAL WIDE TREAD PLY TIRE

18.4-26, 10 Ply	$610.00
23.1-26, 10 Ply	$1100.00
23.1-26, 14 Ply	$1380.00
28L26, 10 Ply	$1350.00
28L26, 14 Ply	$1650.00
16 9-30, 10 Ply	$670.00
24 5-32, 12 Ply	$1540.00
24.5-32, 16 Ply	$1840.00
30 5L32, 12 Ply	$1810.00
30.5L32, 16 Ply	$2170.00
35.5L32, 16 Ply	$2680.00
18.4-34, 10 Ply	$825.00

Firestone TRACTION FIELD & ROAD

9 5-16, 4 Ply	$105.00
18 4-16.1, 6 Ply	$320.00
8.3-24, 4 Ply	$99.00
9.5-24, 4 Ply	$109.00
9.5-24, 6 Ply	$125.00
11 2-24, 4 Ply	$132.00
11 2-24, 6 Ply	$152.00
12 4-24, 4 Ply	$153.00
12 4-24, 8 Ply	$210.00
13.6-24, 8 Ply	$235.00
14.9-24, 4 Ply	$202.00
13 6-26, 6 Ply	$259.00
7 50x22, 4 Ply	$149.00
12 4-28, 4 Ply	$173.00
13.6-28, 4 Ply	$190.00
13 6-28, 10 Ply	$341.00
14 9-28, 4 Ply	$221.00
14 9-28, 6 Ply	$232.00
16 9-28, 6 Ply	$277.00
18 4-28, 6 Ply	$365.00
16 9-30, 6 Ply	$301.00
18 4-30, 6 Ply	$350.00
23 1-30, 8 Ply	$743.00
16 9-34, 6 Ply	$331.00
18 4-34, 6 Ply	$375.00
9 5-36, 4 Ply	$200.00
13 6-38, 4 Ply	$225.00
13 6-38, 6 Ply	$255.00
14 9-38, 6 Ply	$277.00
15 5-38, 6 Ply	$284.00
15.5-38, 8 Ply	$338.00
16 9-38, 6 Ply	$361.00
18 4-38, 6 Ply	$418.00
18 4-38, 8 Ply	$450.00
20 8-38, 8 Ply	$606.00
9 5-42, 6 Ply	$248.00
12 4-42, 6 Ply	$314.00
11.2-28, 4 Ply	$153.00
9 5-32, 4 Ply	$198.00
11.2-36, 4 Ply	$172.00
12.4-36, 4 Ply	$221.00
12.4-36, 10 Ply	$341.00
13.6-36, 4 Ply	$249.00
11.2-38, 4 Ply	$176.00
12.4-38, 4 Ply	$210.00
12.4-38, 6 Ply	$260.00

Firestone SKID LOADER 27-850x15 4 PLY

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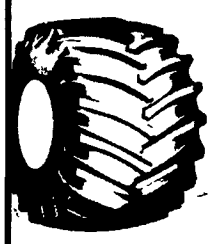

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125Lx15 8 Ply	$115.00
12.5L20 4 Ply	$165.00
1350x161 6 Ply	$170.00
165Lx161 6 Ply	$242.00
500x15	$45.00
760x15 6 Ply	$75.00

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16.9R24★ ★	$502.00
14.9R26★ ★ ★	$464.00
16.9R26★ ★	$535.00
18.4R26★ ★	$622.00
13.6R28★ ★ ★	$385.00
14.9R28★ ★ ★	$470.00
16.9R28★ ★	$533.00
14.9R30★ ★ ★	$566.00

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16 9x24, 10 Ply	$394.00
16.5x28 8 Ply	$317.00
17 5Lx24, 6 Ply	$291.00
17 5x24, 8 Ply	$295.00
17 5Lx24, 10 Ply	$392.00
15 5x25, 12 Ply	$352.00
17 5Lx25, 12 Ply	$499.00
18.4x24, 8 Ply	$419.00
18 4x24, 12 Ply	$497.00
19 5Lx24, 10 Ply	$470.00
19 5Lx24, 12 Ply	$517.00
12Lx24, 12 Ply	$602.00
20 5x25, 12 Ply	$833.00
23.5x25, 12 Ply	$1,265.00
23 5x25, 16 Ply	$1,340.00

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14 9x24, 6 Ply	$242.00
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16 9x24, 6 Ply	$264.00
16 9x24, 10 Ply	$350.00
18 4x28, 10 Ply	$415.00
1300x24, 10 Ply	$278.00
1300x24, 12 Ply	$307.00
1400x24, 10 Ply	$312.00
1400x24, 12 Ply	$350.00

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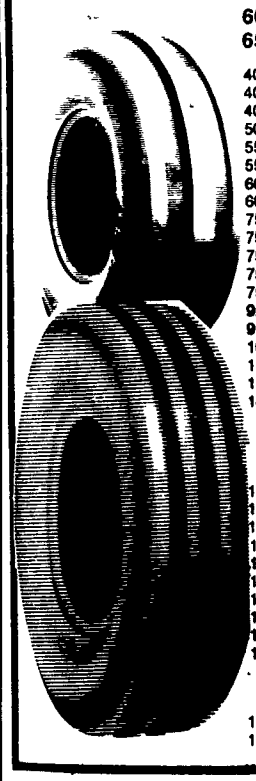

★ 3-RIB ★

600-16, 6 ply	$40.00
650-16, 6 ply	$42.00
400-12	$26.00
400-15	$28.00
400-19, 4 Ply	$36.00
500-15	$36.00
550-16, 4 Ply	$39.00
550-16, 6 Ply	$42.00
600-14, 6 Ply	$62.00
600-16, 4 Ply	$42.00
750L-15, 6 Ply	$54.00
750-16, 8 Ply	$64.00
750-16, 6 Ply	$60.00
750-18, 6 Ply	$71.00
750-20, 6 Ply	$88.00
9.5L-15, 6 Ply	$69.00
9.5L-15, 8 Ply	$76.00
10.00-16, 6 Ply	$82.00
11Lx15, 8 Ply	$87.00
1100-16, 8 Ply	$128.00
14L-16.1, 8 Ply	$200.00

★ 4-RIB ★

11L-15, 8 Ply	$91.00
10.00-16, 6 Ply	$90.00
10.00-16 (TL), 6 Ply	$113.00
10.00-16 (TL), 8 Ply	$123.00
11 00-16, 6 Ply	$112.00
11.00-16, 8 Ply	$120.00
11.00-16 (TL), 8 Ply	$134.00
14L-16.1 (TL), 6 Ply	$216.00
14L-16.1, 8 Ply	$213.00
16.5L-16.1 (TL), 8 Ply	$320.00

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1100x16, 12 Ply, Tubetype	$169.00
1100x16, 12 Ply, Tubeless	$186.00

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490.00

18 4R34 ★	$450.00
16R38 ★	$470.00
20 8R34 ★	$700.00
20 8R38 ★	$710.00
20 8R38 ★★	$810.00
24.5R32, ★	$880.00
30 5R32, ★	$1020.00
18.4R42, ★★	$630.00
20 8R42, ★★	$735.00

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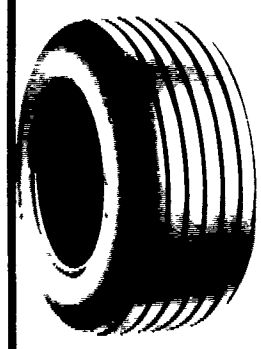
11 2x24, 6 Ply	$154.00
14.9x24, 4 Ply	$196.00
14.9x24, 6 Ply	$216.00
14.9x24, 8 Ply	$248.00
16 9x24, 6 Ply	$251.00
16 9x24, 8 Ply	$273.00
14 9x26, 6 Ply	$222.00
18 4x26, 6 Ply	$312.00
18.4x26, 10 Ply	$380.00
23 1x26, 8 Ply	$625.00
11 2x28, 4 Ply	$154.00
12 4x28, 4 Ply	$180.00
13 6x28, 4 Ply	$192.00
13 6x28, 6 Ply	$204.00
14.9x28, 4 Ply	$200.00
14.9x28, 6 Ply	$222.00
14.9x28, 8 Ply	$256.00
14.9x28, 10 Ply	$335.00
16 9x28, 6 Ply	$273.00
16 9x28, 8 Ply	$301.00
16.9x28, 10 Ply	$352.00
16.9x30, 6 Ply	$296.00
18 4x28, 6 Ply	$363.00
18.4x30, 6 Ply	$330.00
23.1x30, 8 Ply	$705.00
24.5x32, 10 Ply	$900.00
16 9x34, 6 Ply	$323.00
18.4x34, 6 Ply	$370.00
18 4x34, 8 Ply	$400.00
20.8x34, 6 Ply	$563.00
20 8x34, 8 Ply	$590.00
23.1x26, 10 Ply	$705.00
23.1x34, 8 Ply	$771.00
11.2x38, 4 Ply	$185.00
12.4x38, 4 Ply	$210.00
13 6x38, 4 Ply	$222.00
13 6x38, 6 Ply	$246.00
14.9x38, 6 Ply	$268.00
15 5x38, 8 Ply	$318.00
16.9x38, 6 Ply	$357.00
16.9x38, 8 Ply	$392.00
18.4x38, 6 Ply	$416.00
18.4x38, 8 Ply	$446.00
20.8x38, 8 Ply	$596.00
20.8x38, 10 Ply	$704.00

Small Rear Farm Tires

750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8.3x24, 4 Ply	$101.00
9.5x24, 4 Ply	$113.00
11.2x34, 4 Ply	$167.00
11.2x36, 4 Ply	$169.00
12.4x24, 4 Ply	$144.00
12.4x36, 4 Ply	$227.00
13.9x36, 6 Ply	$235.00

WAGON TIRES



26 1200x12, 4 Ply	$53.00
8 51x14, 6 Ply	$51.00
9 5Lx14, 6 Ply	$52.00
9 5Lx14, 8 Ply	$53.00
9 5Lx15, 6 Ply	$48.00
9 5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply	$52.50
11Lx15, 6 Ply	$46.00
11Lx15, 8 Ply	$50.00
11Lx15, 10 Ply	$74.00
1000x15, 8 Ply	$63.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12 5Lx15, 10 Ply	$78.00
12 5Lx16, 14 Ply	$98.00
12 5Lx15, 12 Ply	$90.00
14Lx16 1, 12 Ply	$161.00
16 5Lx16 1, 10 Ply Tubeless	$192.00
25x7 50x15, 4 Ply Tubeless	$48.00
25x7 50x15, 6 Ply Tubeless	$55.00
27x9 50x15, 4 Ply Tubeless	$59.00
27x9 50x15, 6 Ply Tubeless	$68.00
27x9 50x15, 8 Ply Tubeless	$73.00
31x13 50x15, 6 Ply Tubeless	$102.00
31x13 50x15, 8 Ply Tubeless	$112.00

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11Lx15, 8 Ply	$87.00
11Lx15, 10 Ply	$102.00
11Lx16, 8 Ply	$104.00
750 800x16, 10 Ply	$99.00
11Lx16, 12 Ply	$137.00
145 - 75 - 16 1, 10 Ply	$246.00
11Lx16 10 Ply	CALL FOR SPECIAL

3 WHEELER TIRES

20x7 00 8	$38.00
21x7 00-8	37.00
22x11 00-8	42.00
22x8 00-10	45.00
22x11 00-10	50.00
25x12-9	60.00
18x950 8	41.00

ARMSTRONG TURF

8 3x24	$118.00
9 5x24	$131.00
14 9x24, 6 Ply	$231.00
16 9x24, 6 Ply	$242.00
18 4x16 1, 6 Ply	$274.00
13 5x16 1, 8 Ply	$275.00
18.4x26, 6 Ply	$415.00
13 6x28, 6 Ply	$268.00
13 6x28, 4 Ply	$245.00
16.5Lx16.1, 6 Ply	$309.00

SKID LOADER TIRES

570x12, 4 Ply	$42.00
23 850x12, 4 Ply	$49.00
27 850x15, 4 Ply	$53.00
27 850x15, 6 Ply	$73.00
27.1050x15, 6 Ply	$81.00
700x15, 6 Ply	$68.00
750x15, 6 Ply	$71.00
10-16.5, 6 Ply	$82.00
12-16 5, 8 Ply	$125.00
Steel Shield	
10-16 5, 6 Ply	$110.00
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Keep Eye Out For Damaged, Moldy Grains

ROBERT E. LEIBY AND
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Lehigh County Cooperative
Extension Office

Any factor that can damage grain or stress plants can have a detrimental effect on grain quality.

For example, during the summer of 1988, which happened to be an extremely dry year, many laboratories observed an increase in the incidence of mycotoxin contamination. Most of the mycotoxin problems were due to aflatoxin, a mycotoxin produced by a mold that thrives in hot, dry climates.

But excessively wet weather, especially near harvest time, can also lead to mold growth and the production of other mycotoxins. Kenneth Kephart, Penn State extension swine specialist, has prepared the following summary of problems that swine producers may encounter with grains that have been damaged, diseased, or subjected to mold growth.

LOW TEST-WEIGHTS

A potential result of dry growing conditions is a low test weight (low bushel weight) for grain. While low test-weight grains often have normal or higher protein contents, they're usually lower in energy. When feeding low-test grains, studies at Kansas State University and the University of Kentucky show that growth rate is not affected, but pigs have to consume more feed, so feed efficiency drops (usually 5 to 7 percent).

It's also possible that drought stress may have no effect on test weight or hog performance, even though the effects on corn crop yield are dramatic, studies at the University of Kentucky show. Two drought-stressed varieties of corn there, following the drought of 1983, had normal bushel weights and higher than normal protein content. The drought stressed corn supported performance that was slightly superior to that of normal corn.

When feeding suspect grains, check bushel weights and protein contents. If these two values are normal, hog performance should not change.

SPROUTING

The protein level in sprouted grains is usually similar to that of undamaged grains. But the energy content and bushel weights are usually less, which should depress feed efficiency. However, researchers from Canada feeding sprouted (7 to 19 percent) and frost-damaged (75 percent) barley to pigs found that growth rate and feed conversion were normal. Reports from the University of Missouri and Texas Tech University show that sprouted milo (17 to 28 percent) had no detrimental effect on performance.

None of the experiments reported above had mold problems in their sprouted grains. But producers should be aware that sprouted grains can be moldy.

MOLDS AND MYCOTOXINS

Warm and wet conditions can lead to Fusarium molds (also called "scab" in small grains), which produce mycotoxins called zearalenone, vomitoxin, and T-2. This type of mold can also occur when grains are neglected or abused during storage. With a lengthy storage time, there's often more opportunity for insect growth, bin, condensation, and damaged kernels from shuffling corn from one location to another.

Aspergillus, a type of mold that thrives in hot dry weather, is the one that produces aflatoxin. Moisture levels of 18 to 20 percent in corn are ideal for Aspergillus growth. Normally, alfatoxin is most prevalent in the southeast but was more widespread following the 1988 growing season.

Still another mold that can be especially troublesome in small grains is Claviceps. This type of mold produces ergot and is found most often in rye, but is common in the other small grains during periods of excessive rainfall. Ergot is characterized by abnormally small kernels.

Corn smut, like Aspergillus, is more common during dry weather and temperatures between 80 and 95 degrees F. Smut occurs most often when the corn plant is subjected to insect injury or if the corn variety has exposed ear tips. Fortunately, this mold does not produce toxins and feeding the smut-infected corn would not be expected to change performance.

PRICING PROBLEM GRAINS

Some grains that would be considered unacceptable to the flour industry may be a bargain for the hog producer. But others that look and smell fine could spell disaster. Here are some rough guidelines:

- Sprouted grains. If you can be certain that no molds are present (and that's a big *if*), hog performance on the sprouted grains should be similar to that of normal grain. For the buyer, a 25 to 30 percent deduction from the standard bushel price would be reasonable. If mold is present, the grain may be worth nothing for hog production.
- Low test-weight grains. These grains will depress feed conversion. Again, if you're buying a discount of 25 to 30 percent should be fair. Be sure, especially with small grains, that the low test-weight is not because of mold.
- Scab-and ergot-contaminated grains. Avoid them if possible. If there is no alternative, feed these grains only to the grower and finisher pigs. Incorporate into the formula at a rate of 250 pounds per ton, and increase gradually only if hogs are eating and growing well. Any grain known to contain a harmful level of mycotoxins should be discounted by at least 50 percent.

Hot, dry, warm, and wet weather can lead to mold growth in grains. If test weights and protein levels from grains grown under these conditions are normal, then the grain may be ok. If a chemical test shows the grains are negative for mycotoxins, then it's even a safer bet that the grain is usable. But you can never be sure until you feed it. If you see any of the following symptoms in your pigs, be suspicious of mycotoxin poisoning:

- Feed refusal.
- Swollen vulvas.
- Prolapsed rectums.
- Convulsions.
- Death.
- General reduction in performance.

ALL-AMERICAN DAIRY SHOW PREMIUM LISTS

The Pennsylvania All-American Dairy Show will be at the Farm Show Complex in Harrisburg from September 24 through 27. Premium lists are now available through county extension offices. Entries postmarked on or before August 24 will be accepted at $15 per animal. Entries postmarked August 25 through September 6 will be accepted at $25 per animals. Entry fees are not required for group entries. However, each animal must be entered in an open class for individual animals.

All-American exhibitors will be the first to use the Farm Show's large arena since the installation of a new roof and lighting system.

PENNSYLVANIA CENTURY FARM OWNERS RECOGNIZED

Thirty farms were recently designated by the Department of Agriculture as official Pennsylvania Century Farms, according to State Secretary of Agriculture Boyd E. Wolff.

The Century Farms Program was established to help publicize the strengths and durability of our farm families and to stress the importance of agriculture to all citizens of the commonwealth. To date, 1,461 farms have been recognized as Century Farms.

To qualify as a Century Farm, the farm must be owned by the

(Turn to Page D29)

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Annville, PA
717-867-2211

Damaged, Moldy Grains

(Continued from Page D28)

same family for 100 or more consecutive years and a family member must currently live on the farm. In addition, the farm must contain at least 10 of the original acres or gross more than $1,000 annually in the sale of farm products. Applications are available from the Department of Agriculture by calling 1-800-AG-PENNA.

The following southeast Pennsylvania farm families were recognized during the second quarter of 1990 under the Century Farms Program:

• Bucks County — James and Lisa Grasse, Upper Church Road, Chalfont, original purchase in 1870 by great-great grandfather Anthony Bishoff Grasse.

• Glenn and Glenda Wismer, Route 1, Perkasie, original purchase in 1749 by his great- great-great- great- great- great grandparents Jacob and Nanny Wismer.

• Northampton County — Daniel and Deborah Seiple, Nor-Bath Boulevard, Bath, original purchase in 1889 by his great grandfather Alfred Seiple.

• Donald and Geraldine Seipt, Raubsville Road, Easton, original purchase in 1882 by her great grandfather Peter Leidich.

• Schuylkill County — Alberta Blyler, Valley View, original purchase in 1876 by her great grandfather-in-law John Byler.

FARM SAFETY AND HEALTH PROBLEMS

The Pennsylvania Farmers' Association reports that farming is ranked as one of the most hazardous occupations in the United States by both the National Safety Council and the National Institute of Occupational Safety and Health.

Since 1980, more than 400 Pennsylvania men, women, and children have lost their lives during farm work, or from farm work site hazards. At least 30 Pennsylvanians died from farm accidents in 1989.

Results from a statewide survey indicate there are approximately 7,500 serious farm work accidents each year in Pennsylvania. Seventy-one percent of these injuries resulted in one or more days of lost work, and 49 percent resulted in six or more days of lost work.

The National Safety Council estimates that the average cost per disabling injury in 1988 was $16,800 and the cost per death was $550,000. These figures include both insured and uninsured costs. Applying Pennsylvania death and disabling injury figures to the National Safety Council estimates, farm accidents cost Pennsylvania farmers approximately $141 million in 1988. The human pain and suffering involved in each death or disabling injury is incalculable.

The following are some of the unique problems and conditions that face farm workers:

• Farm workers receive almost no formal training in safety hazards or safe work procedures. Other hazardous occupations have formal safety training programs for new workers and as an on going activity for all workers.

• Farm workers perform a wide variety of tasks with different hazardous machines for relatively short periods of time, as opposed to the specialists found in many other occupations. This makes it difficult for the farm worker to become really proficient, from a safety perspective, with hazardous machines.

• Family farm operations have only themselves to rely upon to conduct all aspects of safety management and education. Other industries have unions, safety staffs, insurance company inspectors, and state and federal government officials.

• Farming employs many youth that lack emotional and physical maturity, and many elderly persons that have physical and physiological deficiencies. This is not the case in other occupations.

• Farming has only self-imposed restrictions on working conditions. Thus, workers are exposed to many environmental and work place hazards that are not allowed to exist in other industries.

CLEAN AND GREEN PARTICIPATION INCREASES

More than three million acres of Pennsylvania farmland, forest, and open space are now voluntarily enrolled in the "Clean and Green" Program.

Secretary of Agriculture Boyd E. Wolff reports that 35,847 landowners in 41 counties sought property tax relief under Act 319 last year. Four new counties were enrolled, the largest increase since the program began in 1974. Acreage enrolled statewide now totals 3,020,797, an increase of 561,977 acres from 1988.

The Department of Agriculture recently published a data summary outlining participation in the Pennsylvania Farmland and Forest Land Assessment Act. More commonly known as the Clean and Green Program, the act preserves farmland, forest land, and open space by taxing land according to use value rather than the prevailing market value.

Other statistical highlights of the report include:

• The average reduction in dollar value per acre for tax purposes was 59 percent, although reductions ranged from 0 to 94 percent.

• Lycoming County experienced the greatest growth in enrolled acreage during the year with 152,298 acres. Warren County placed second with 148,048 acres. However, 1989 was the first year landowners from those two counties participated in the program.

• Bradford County had the most acres of land enrolled in the program with 474,969, while Washington County placed second with 331,299 acres.

• The largest gain in participants occurred in York County, which grew from 15 in 1988 to 4,324 during 1989. Lycoming County ranked second in a new participants, enrolling 2,382 landowners during its first year in the program.

• Washington County had the greatest number of participants for the eighth consecutive year, with 5,650. Bradford County ranked second with 5,271 participants.

• The largest decrease in enrolled acreage was reported by Cameron County, which lost 17,863 acres.

The Clean and Green Program is voluntary and generally requires a minimum of 10 acres to remain in designated use. Land taken out of the permitted use may be subject to a rollback tax. Some split-off or separated lands are exempt from rollback penalties if the original use of the land does not change.

The Pennsylvania Department of Agriculture makes rules and regulations governing the act. Landowners interested in additional information and applications should contact their county assessment office, local administrators of the program.

McDonald's, Wendy's Use Corn Oil

ST. LOUIS, Mo.— Responding to health-conscious consumers, Wendy's International and McDonald's Corp. recently announced their intentions to switch to low-fat, low-cholesterol corn oil for cooking their french fries.

Wendy's, which ranks fourth among fast food chains, will use a 100 percent corn oil for cooking french fries at its nearly 3,800 U.S. outlets, beginning late fall.

McDonald's, the nation's number one fast food chain, has already begun use of a corn-cottonseed oil blend at several locations. By the end of 1990, all of the company's more than 8,300 U.S. franchises are expected to use the corn-cottonseed oil mixture.

"I commend both Wendy's and McDonald's for making the switch to corn oil," says Alan Kemper, president of the National Corn Growers Association (NCGA) and a Lafayette, IN corn farmer. "Corn oil is low in cholesterol and saturated fats, and will offer consumers a healthier food product."

According to Kemper, domestic corn oil use will rise sharply during the next year because of the cooking oil changes made by the two fast food giants.

In the 1988-89 marketing year, USDA estimates that 1.060 billion pounds of corn oil were used in various foods and for cooking, representing 8 percent of the 13.718 billion pounds fats and oils market.

A bushel of corn contains 1.5 pounds of corn oil.

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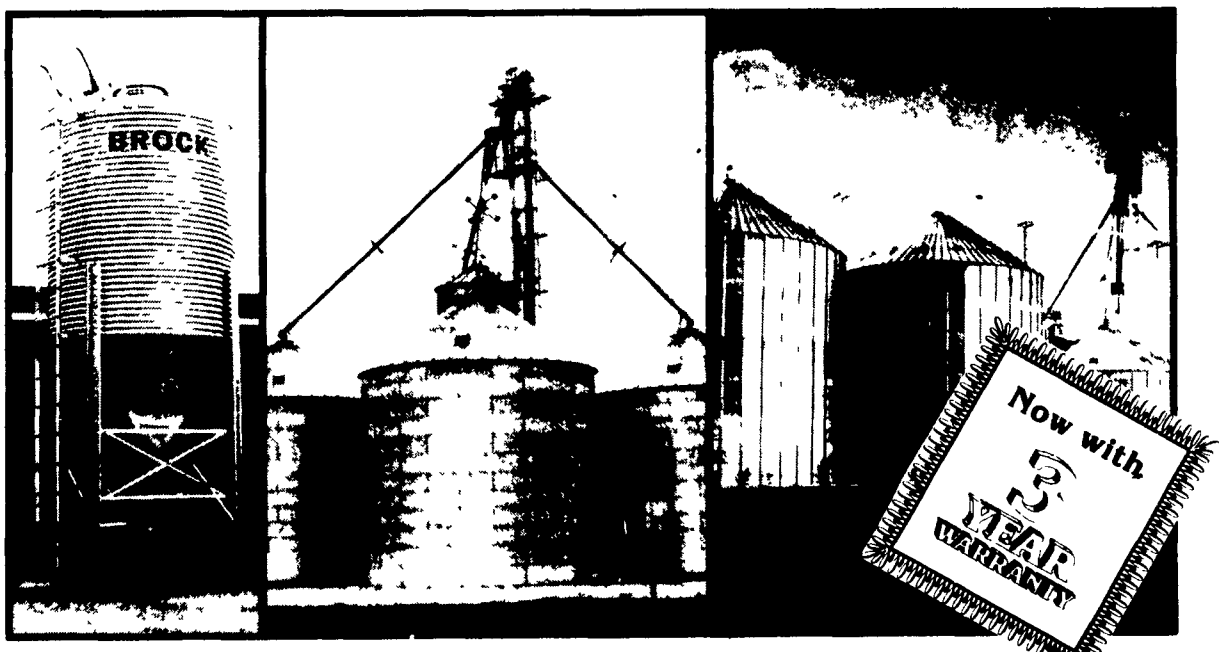

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Conference Examines Food Safety, Alternatives

UNIVERSITY PARK (Centre Co.) — A conference on alternative methods of growing fresh produce will be held September 25, 1990 from 8:30 a.m. to 4:30 p.m. at the Sheraton Harrisburg East in Harrisburg.

Citizens concerned about the role of chemicals in fruit and vegetable production and their effects on the environment should mark their calendars.

The conference, "Common Ground: A Dialogue on Food Safety and Environmental Concerns in Agriculture," is co-sponsored by the League of Women Voters of Pennsylvania and Penn State's College of Agriculture.

The conference should be of interest to growers, legislators, environmentalists, food distributors, processors, and concerned citizens who want to know more about the pros and cons of alternative agricultural methods.

"The recent furor over the use of Alar has brought the use of agricultural chemicals to the public's attention," said Marilyn F. Brill, president of the League of Women Voters of Pennsylvania. "Food safety is a hot topic right now. There's a need for informed discussion of the facts."

"The League of Women Voters has a long history of providing opportunities to discuss topical issues in an open environment," said Lamartine F. Hood, dean of Penn State's College of Agriculture. "The panel discussions at the conference will include a wide variety of perspectives. We're happy to work with the League to bring this educational exchange to the public."

Fruit and vegetable growers, environmentalists, toxicologists, researchers, and government officials will speak at the conference.

Brill says there is growing support for major public policy changes concerning the use of agricultural chemicals.

"But good public policy can only be developed with an understanding of the issues involved and accurate knowledge of the effects of change," she said.

For instance, the public may blame growers for not adopting techniques that reduce the use of chemicals or for not growing, "organic" produce. However, they may not consider that by demanding picture-perfect fruits and vegetables they have limited the options of producers.

Many growers share the public's concern, but still may be reluctant to adopt new methods because they lack information, trained labor, and the time and management skills needed to use alternative growing techniques.

The conference is sponsored in partnership with the Alliance for the Chesapeake Bay, Penn State Cooperative Extension, the Pennsylvania Apple Marketing Board, the Pennsylvania Association of Conservation Districts, the Pennsylvania Bay Program/Dept. of Environmental Resources, the Pennsylvania Dept. of Agriculture, the Pennsylvania Vegetable Growers Association, the Rodale Research Center, the USDA Soil Conservation Service, and the Keystone Chapter of the Soil and Water Conservation Society.

For more information about the conference, contact project director Beth Marshall at (412) 465-4687.

There's Mulching, Then There's Creative *Mulching*

THOMAS S. BECKER, County Agent/Horticulture

Gardeners are notoriously good recyclers. They love to experiment with some pretty odd stuff.

For example, should we start using seaweed or shredded cardboard as a mulch? Up on Long Island, it apparently is used. Seaweed collected from beaches is usually well-weathered, having little salt. It's used as a temporary mulch. However, it produces an odor. After one season's use, put it in your compost pile.

Mulches are mostly organic materials placed on the soil surface at a depth of 2 to 3 inches to control weeds and stop soil erosion. A slightly deeper mulch can be used for shallow-rooted plants. Or mulch can be used as a soft "paving" for paths and play areas.

Mulch should never be allowed to control the stem of any plants. An ideal mulch material says in place and reduces evaporation of soil moisture which also permitting rapid penetration of water.

Many organic materials can be used for mulching. Even finished backyard compost may be used as mulch. Contact your Extension office for a backyard composting brochure.

Other common materials for mulching include lawn clippings, legume hay, straw, mushroom compost, peat moss, ground corn cobs, salt hay, leaves from trees and shrubs, manure, and pine needles. Commercial by-products such as sawdust, wood chips, and newspapers can also be used as mulch. All of these materials are suitable for surface mulching around trees, shrubs, and other perennial plantings.

However, in annual flower and vegetable gardens, it is best to mulch with *non*-woody materials. Materials such as garden compost

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Tuesday -***The Hubcaps - 7:30 PM***
Sharon Goodling - 6:45 PM

Wednesday -***Dan Seals - 7:30 PM***
Simply Free - 6:45 PM

Thursday -***The Whites - 7:30 PM***

Friday -***Shucks - 7:30 PM***

Saturday -***Dust & Ashes - 7:30 PM***

Directions: From the North on I-81, take Exit 6 Follow Rt 30 West to Rt 995, follow Rt 995 about 5 miles to Fairgrounds
Admission: $3 per person, children 12 and under FREE
For more information call (717) 263-9335

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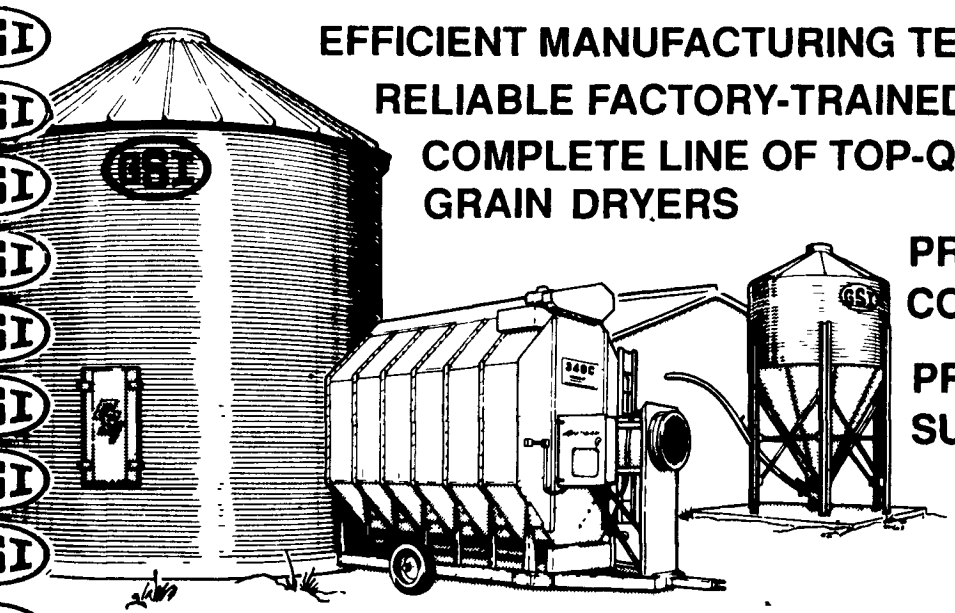

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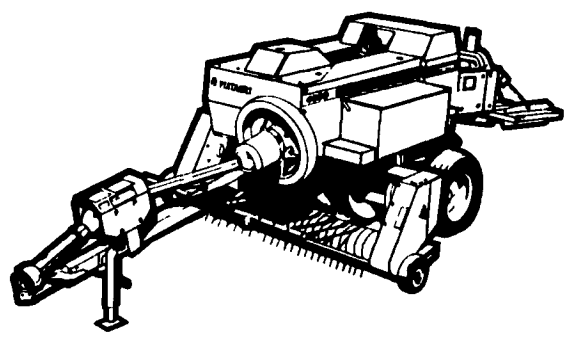

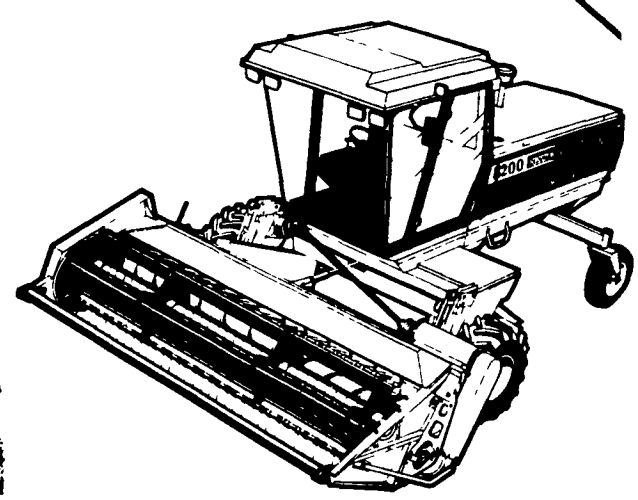

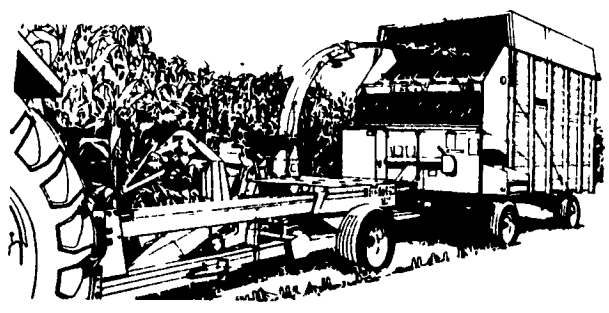

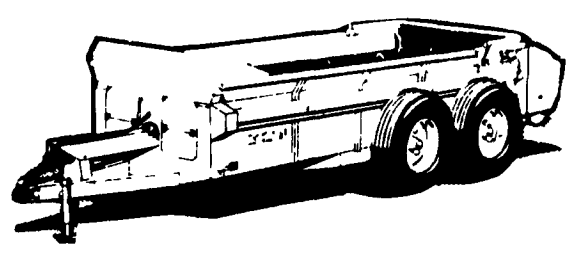

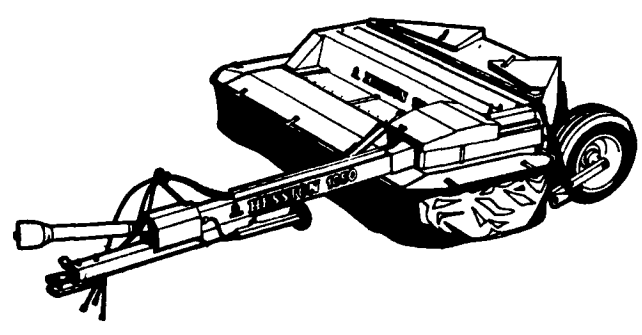

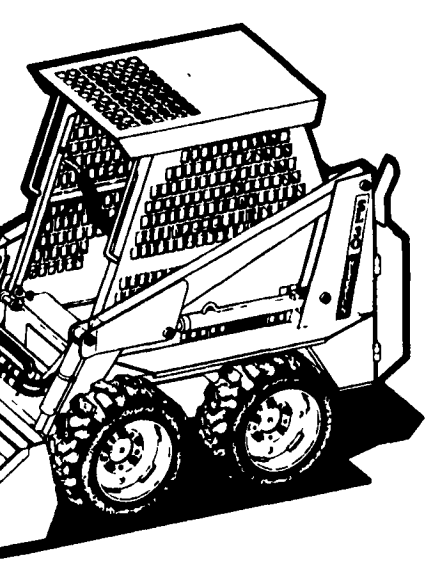

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dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

May 1990
Rolling Herd Averages

Herd Name	Brd.	No. Cows	% Days in Milk	Lbs. Milk	Fat	Protein
Darren L Peachey	H	48.1	90.3	22,942	824	724
Vern-Lee Holsteins	H	53.4	89.7	22,255	877	712
Valley View Farm	H	77.7	89.3	21,048	701	681
John K Kauffman	H	77.5	89.4	21,410	752	680
David J & Ruth Peachey	H	51.3	88.2	20,465	729	664
Paul J Zook	H	49.6	89.2	20,412	724	663
David T Hostetler	H	40.1	88.5	20,332	738	660
John B Peachey	H	84.1	89.9	20,690	838	659
John & Saloma Byler	H	44.1	87.9	20,914	775	657
Peachee Farms	H	77.0	89.5	20,308	750	654
R Glenn Yoder	H	78.0	88.5	19,448	772	653
Charles L Forgy	H	68.5	91.4	20,198	741	652
Nathan & Mark Peachey	H	110.4	90.9	19,719	730	644
Wilmre & Vern Peachey	H	34.6	86.5	20,155	765	643
Mark S Yoder	H	80.3	86.8	19,824	744	641
John L King	H	48.3	87.5	19,668	793	641
Leroy & Rod Kauffman	H	62.0	87.6	19,422	719	637
Kore E Yoder	H	79.8	89.2	19,560	715	637
James H Allison	H	51.3	88.7	19,883	707	636
Paul H Yoder	H	63.0	88.2	19,253	728	633
James L Hostetter	H	46.0	94.3	18,669	743	631
David C Yoder	H	60.6	84.3	19,311	724	629
Jesse L Spicher	H	36.8	89.2	18,685	781	625
Sam K Kauffman	H	46.4	82.3	19,630	710	623
Noah B Sharp Jr	H	15.4	89.3	19,278	756	623
Dry House Farm	H	101.0	86.6	20,066	712	622
LaFay Farm	H	43.4	85.9	19,051	698	621
Keith Leinaweaver	H	42.6	90.9	19,531	685	618
G Sheldon Peachey	H	65.8	87.3	18,825	700	616
J Irvin Zook	H	43.9	90.9	18,959	683	615
Frank J Hartzler	H	63.1	88.0	18,503	726	615
Kore J Peachey	H	57.9	89.3	19,188	727	615
Lowell J Peachey	H	59.3	86.2	18,902	680	612
Timothy Kauffman	H	38.0	87.9	18,807	695	612
Robert Stayrook	H	32.7	89.5	19,631	718	610
Dunmire Sons	H	97.8	88.3	19,517	694	606
Merle E Yoder	H	36.4	91.3	19,074	724	605
Alphie J Hartzler	H	50.3	86.4	19,243	665	603
Aquilla I Yoder	H	83.6	90.7	19,138	667	602
Peachee Farms						
Antic	H	4-2		20,038		852
Pearl	H	2-5		20,083		863
R Glenn Yoder						
Bonnie	H	7-9		19,041		856
Lyla	H	4-7		19,926		862
James H Allison						
Vicki	H	5-1		24,026		889
Lowell J Peachey						
Kari	H	7-4		21,962		852
*Shine	H	5-4		21,598		894
Mark S Yoder						
#671	H	6-2		23,404		957
Frank J Hartzler						
Becky	H	5-8		21,167		919
John B Peachey						
#124	H	5-2		25,674		996
#8	H	4-2		22,194		898
#141	H	3-11		19,692		911
#15	H	3-1		23,659		993
Harrop Farm						
#26	H	5-4		20,665		898
Dry House Farm						
#736	H	4-4		21,128		928
J Loren Yoder						
Ho	H	4-3		22,746		910
David T Hostetler						
#150	H	4-4		22,655		874
Maidens Brothers Farm						
Connie	H	7-10		26,929		1104
Byler Brothers						
#201	H	3-10		18,377		880
David C Yoder						
Ellen	H	4-4		23,847		947
Vern-Lee Holsteins						
Stella	H	7-0		20,902		870
Ruby	H	4-5		22,540		871
Janie	H	4-10		25,976		950
Petunia	H	4-6		21,754		870
Pumpkin	H	4-5		23,483		949
Stacey	H	2-4		19,583		883
Darren L Peachey						
Audrey	H	8-6		19,728		905
April	H	5-2		23,306		1000
Honey	H	5-3		28,166		850
Chrissa	H	5-1		25,208		920

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Blair Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

May 1990
Rolling Herd Average

Herd Owner	No. Cows	% Cow Days in Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
PA Fair Valley Farm	79.4	88.8	21,142	813	707
Mike+Carol Hoover	96.9	88.6	21,808	798	704
Clover Will Farms	136.2	87.0	22,095	849	704
Thomas W Kelly	78.6	88.6	22,305	811	691
Dennis A Smith	81.7	85.4	21,610	822	684
Over Lane Farms	99.7	89.9	21,081	824	670
Hilecrest Farm	235.6	88.0	20,555	785	669
Fred+Gary Bechtel	87.9	89.1	20,688	786	664
Marcove Farm	75.3	87.9	20,804	800	663
Jerry+Joan Bechtel	33.6	86.7	21,523	770	663
Emile Dilling	117.6	87.2	20,572	816	651
David-Nancy Bishop	52.4	85.5	20,492	783	647
Sparkling Springs Farm	245.0	88.6	20,262	788	644
Smith Hollow Farms	122.7	86.7	20,436	753	643
Frederick Farms	103.0	84.7	20,159	725	642
William-Susan Baker	102.7	88.1	20,278	774	637
Rodrick & Trudy Hinish	98.3	88.4	20,204	776	633
Kenneth+Debra Bush	43.9	85.6	20,250	719	632
Gor Da Farm	80.3	89.8	91,554	708	631
Robert Kensinger	60.6	90.2	19,669	715	631

Lactation Report

The high cow for the month is a registered Holstein in the Pleasant View Farm #3 herd who produced 25,169 milk, 858 protein and 1203 butterfat at 4 years, 8 months.

Over Lane Farms					
355	GH	4-3	25,785	799	996
Rich Lou Farms					
357Liz	RH	5-1	23,667	706	871
Clover Will Farms					
88	RH	3-6	26,417	783	967
174	RH	2-2	21,186	709	888
Pleasant View Farm 3					
432	RH	4-8	25,169	858	1203
Mil-Ber Farms					
Jackie	RH	4-5	25,840	789	935
Marcove Farm					
Jan	RH	6-8	27,969	834	951
Indy	RH	6-8	23,247	706	997
Angella	RH	5-6	22,934	738	1004
Burket Falls Farm					
400	RH	4-2	21,294	664	862
448	RH	3-2	23,532	748	968
Emile Dilling					
444	RH	4-4	20,890	626	919
456	RH	4-3	24,045	785	940
522	RH	2-10	21,822	681	909
519	RH	3-0	17,347	637	878
523	RH	2-9	20,794	709	882
Fred + Gary Bechtel					
Annette	RH	2-11	20,583	699	964
Bradley + James Baker					
580	RH	5-4	22,882	739	974
593	RH	5-7	24,311	689	884
Richard Eastep					
7	RH	6-7	19,412	616	910
Thomas W Kelly					
Amy	RH	6-11	27,676	819	922
Misleto	RH	5-5	23,854	747	909
Bonnie	RH	5-3	29,377	802	866
Belinda	RH	5-1	25,645	775	880
Cross Country Farms					
39	RH	8-0	24,177	726	995
Mike + Carol Hoover					
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352	RH	3-4	23,659	761	981
Sparkling Springs Farm					
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Penn-England					
Sue	RH	5-6	23,751	680	868
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Pattsy	RH	5-5	21,935	720	966
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K Wayne Burket					
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108	GH	2-10	20,113	618	857
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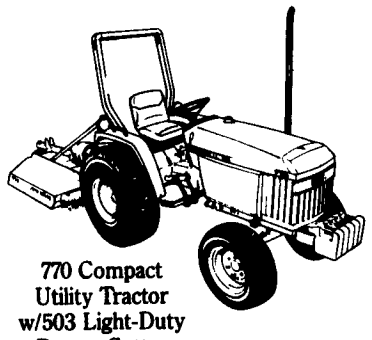

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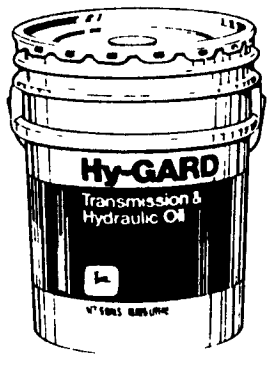

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Most Wells Not Contaminated, Survey Says

ST. LOUIS, Mo.— The vast majority of rural, domestic wells in agricultural areas are free of contamination from several commonly used herbicides, according to the largest study of its kind ever completed.

Approximately 87 percent of the estimated 6 million wells in the survey area are expected to be completely free of any detectable levels of the five herbicides studied. Where herbicides are detected, the typical trace levels found are well below the health-based standard set by the U.S. Environmental Protection Agency (EPA). More than 99 percent of all wells are projected to show no herbicide levels exceeding the EPA standard for drinking water quality.

"Survey results are particularly encouraging with regard to drinking water quality. It found, for example, that the frequency and levels of occurrence in rural, domestic wells of all herbicides studied are extremely low," said Robert L. Harness, vice president of environmental and public affairs for Monsanto Agricultural Company.

The study, called the National Alachlor Well Water Survey, looked at nearly 1,430 wells in 26 states. It was designed by Monsanto Agricultural Company and Research Triangle Institute (RTI), with active participation by and approval of EPA. RTI is a non-profit, independent research organization located in Research Triangle Park, NC.

As part of the re-registration standard for alachlor, the EPA required Monsanto to obtain better estimates of alachlor occurrence in rural wells in counties where the product is used, said Harness.

"In addition to alachlor, a corn and soybean herbicide manufactured and marketed by Monsanto under various brand names, the survey tested for four other herbicides: atrazine, metolachlor, cyanazine, and simazine. Water samples also were tested for nitrate levels," Harness said.

Among the 6 million wells, which serve approximately 20 million people in the survey area, each well had a chance of being randomly selected for testing. The survey, which required two years to complete at a cost of more than $4 million, has been submitted to the EPA for its review.

Based on survey data, less than one-tenth of 1 percent of all wells are projected to have herbicide occurrence in excess of EPA's proposed maximum contaminant level (MCL) or health advisory level for that product. These health-based levels reflect lifetime consumption and provide for a significant margin of safety.

Concentration of all five herbicides were measured by a sophisticated analytical technique capable of detecting herbicide levels as low as 2 parts per 100 billion. This level of detection is equivalent to isolating 1 second in 1,600 years.

"Survey findings reconfirm the fact that alachlor is seldom found in drinking water. More than 99 percent of rural wells are expected to be completely free of detectable levels of alachlor. Only an estimated 0.02 percent of wells are expected to be above the proposed MCL of 2 parts per billion (ppb)," Harness said.

If drinking water consistently contained alachlor at the 2 ppb level, a 150-pound person would have to drink 20,000 gallons of water every day for 70 years to reach the lowest amount which caused a toxic effect in some laboratory animals, he noted.

The survey found, as have other studies, that nitrate occurrence is common in rural, domestic wells, with 52 percent of wells in the survey area expected to have detectable levels of nitrates. A majority of these, however, have levels less than 3 parts per million (ppm), which is generally regarded as a naturally occurring nitrate level present in some water supplies. About 5 percent of wells are projected to exceed the MCL of 10 ppm.

In addition to occurring naturally in the water supply, nitrates can enter ground water through nitrogen fertilizers, livestock wastes, and other agricultural or non-agricultural sources.

"An important conclusion to be drawn from this survey is that the herbicides studied are not threatening rural well-water supplies. At the same time, we understand when people are concerned by any detectable levels of herbicides in water sources," said Harness.

"All water supplies contain trace levels of various substances -- both natural and synthetic. Detection of these substances, however, doesn't necessarily mean there is a cause for alarm or concern. Frequently it reflects an advancement in our scientific ability to detect a substance we could not find before. With that ability to detect increasingly smaller concentrations of a substance goes a responsibility for ensuring that these trace levels don't represent an unreasonable risk to human health or the environment,"

Reporting, verification, and administrative procedures are now being finalized. Complete program details will be announced in the near future, he said.

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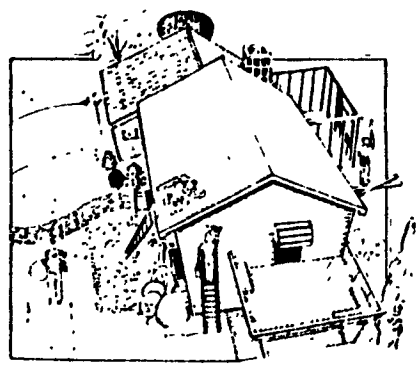

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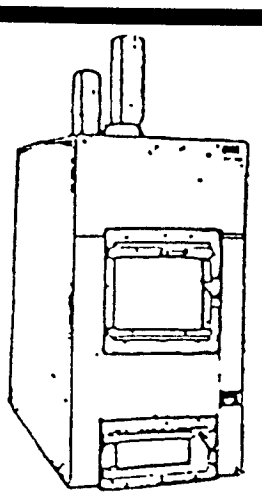

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Agriculture And The Wetlands Regulations

Editors Note: Pennsylvania's farming community has voiced many concerns about the Department of Environmental Resources' proposed amendments to the Commonwealth's current wetlands regulations. In the following interview, Secretary of Environmental Resources Arthur A. David responds to questions from Secretary of Agriculture Boyd E. Wolff about DER's wetlands protection strategy and its impact on state farmers.

Wolff: Exactly what is a wetland, and how can farmers determine if wetlands are located on their property?

Davis: The term "wetland" collectively describes what are more commonly known as wet meadows, marshes, bogs, swamps, and shallow ponds. For regulatory and legal purposes, wetlands are defined as areas that are saturated by surface or groundwater for a duration and frequency sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. While many wetlands are easily identified, some, such as forested wetlands, are not. Individuals can obtain additional information on wetlands by calling their county conservation district office or DER's Bureau of Rivers and Wetlands at 717-541-7802.

Wolff: I've heard that DER's definition of "wetlands" is not the same as the one the federal agencies use. Is this true?

Davis: No. Since December 27, 1989, both the state and federal government use the same manual to identify wetlands. The manual establishes a uniform three-point criteria for wetland determinations based on hydric soils, hydrophytic vegetation, and hydrology.

Wolff: Why are wetlands getting so much attention today and why has DER decided new regulations are needed?

Davis: Wetlands were once thought to have little value short of serving as breeding grounds for insects and disease. Today we realize that wetlands provide numerous environmental benefits such as flood protection and groundwater recharge. In addition, they serve as wildlife and plant habitats and filters to remove excess nutrients from surface water. The proposed amendments clarify DER's role in wetlands protection and provide greater consistency in wetland permitting.

Wolff: Will DER require farmers to obtain permits in order to plow or harvest hay from wetland acreage?

Davis: No. Both the current and proposed regulations specifically exempt plowing, cultivating, seeding, or harvesting for crop production. Basically, if a farmer can drive his tractor through a wetland, he can farm the property. Farmers can also use wetlands for grazing livestock.

Wolff: Is a permit needed to clean, repair, or maintain an existing drainage system in a cultivated field or pasture?

Davis: Under current regulations, a drainage system — whether a ditch or tile drains — installed in a wetland prior to July 1, 1979, can be maintained and that property can be farmed. The proposed regulations simply change the date from July 1, 1979, to December 23, 1985, to be consistent with the 1985 federal Farm Bill.

Wolff: Is a permit necessary in order to open a drain or drainage ditch that has been closed due to a lapse in farm operations?

Davis: Yes. If the drainage system was abandoned and the property reverted to wetlands, the farmer would be required to obtain a permit in order to rebuild the system.

Wolff: What other activities require a permit?

Davis: Just like other property owners, farmers are required to obtain permits for building structures in wetlands, installing drainage systems in previously undrained wetlands, leveling and grading activities, and the construction of some types of dams and ponds.

Wolff: What types of pond construction would be exempt from permitting?

Davis: Farm ponds developed outside of wetlands do not require a permit. A permit is also not required if a pond is developed in a wetland simply by damming a small creek. The regulations state that the dam must be less than 15 feet high, the drainage area above the dam less than 100 acres, and the maximum storage less than 50 acre-feet. Permits are required when ponds are developed by excavating wetlands.

Wolff: Does a farmer need a permit in order to drain or clean his farm pond for ordinary maintenance?

Davis: Yes. A draw-down permit is required from the Pennsylvania Fish Commission.

Wolff: I have heard the proposed regulations will prohibit any activity within a 300-feet buffer zone around all wetlands. Is this true?

Davis: No. DER does not and will not regulate all activities within 300 feet of wetlands. If a farming activity is not actually within a wetland, floodway, or body of water, it is not regulated and doesn't require a permit.

Wolff: Can you explain this misunderstanding?

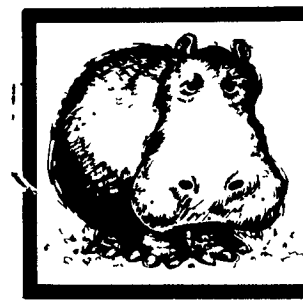
Davis: Yes. The 300-feet provision is part of our current wetland regulations and is designed to protect important wetlands. This provision is triggered only when applying for an encroachment permit for a project in a wetland, floodway, or body of water and that project is within 300 feet of an important wetland.

Whenever questions arise regarding wetland buffers, a farmer should ask himself: "Is my project actually located in a wetland, floodway, or body of water?" If the answer is no, an encroachment permit is not required, regardless of how close the project is to the wetland.

Wolff: In those instances when a permit is required, is the process as difficult as we've been led to believe and how long does it take?

Davis: While a permit applicant must still meet both state and federal requirements, we have simplified the process by requiring only one application. As I noted before, both state and federal agencies use the same scientific procedure to identify and delineate wetlands. We also are developing general permits for agricultural practices that can be processed in less than a month.

The bottom line, however, is farmers will rarely need to apply for encroachment permits unless they intend to fill or excavate wetland acreage. Normal farming practices will not be affected.



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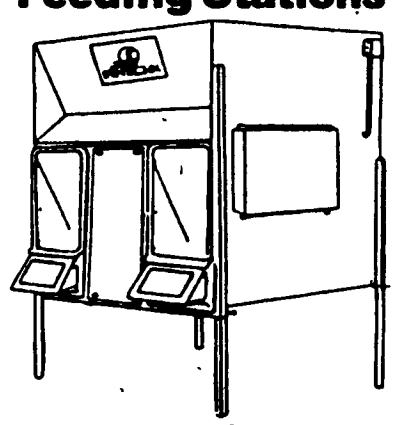

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Guernseys Continue To Have Strong 1990

REYNOLDSVILLE, OH — 1990 continues to remain strong for Guernseys. A five-year-old cow made an all-time national class-leading butterfat record of 1,781 pounds as well as making top milk and protein records. The July bull run was impressive with the active AI average on 35 bulls increasing over 60 pounds in milk and over 10 in dollar values. The demand for Guernsey cows first seen in the beginning of the year has continued. A recent dispersal in Pennsylvania averaged $1,129 on 106 head.

Fauver Hill Tel Odette-ET recently completed a five-year and seven-month record in 365 days of 35,090 pounds of milk, 1,781 pounds of butterfat and 1,196 pounds of protein. This production places her first in the nation of all-time national class leaders for butterfat production in all age groups. She also ranks first in the five to 10-year-old group for protein production and second in that age group for milk production. "Odette" is a 92-point Maurana Wis Telestar daughter. This Gold Star Dam is also a consistent high ranker on the Cow Performance Index list. She was bred by Bernard and Mary Pralle of Onalaska, WI, and was purchased by Phil and Joyce Laesch of Curtiss, WI, in the Pralle's dispersal last fall.

Wampanoag Fayette Smokey surged to the top of the new bull proofs with a July summary of +1,660M +42F +$184 +46P +$170 CY$, PTAT +1.9 and a PTI +293. He leads the list of bulls for predicted transmitting ability (PTA) in milk, protein and dollar value. He is a Dutch Mill Telestars Fayette son from a 92-point, Gold Star, Kellogg Minnies Choice dam.

Remaining in the second position was Oaklands Mercury with a PTI of +274. He leads the pack in both PTA butterfat and cheese yield dollars. Lincrest Telestar Buttermost stayed in third with a PTI of +237. Falling to fourth is Spring Walk B T Frank, last January's number one bull. His proof remains strong at 92 percent reliability with a PTA for milk of +1,354. Rounding out the top ten bulls are Rozelyn D M Ernies Able, newcomers Valley Oaks Able Jack-ET, Pierce Farms Admiral Shipmate and Maple Leaf Admiral Topstar. Lyndale Bonus J Telestar and Jensgolden V Protein King rank ninth and tenth respectively. The 35 active AI bulls average +872M -.02% +36F +$117 -.02% +27P +$117, +$118CY, PTAT +0.4, PTI +182.

The Elsview Farms Complete Dispersal, held in Scenery Hill, PA, on July 2 averaged $1,129 on 106 head. The Elsview herd was developed and owned by A. James Celestine. Topping the sale was a Hornback Farm Prince Extra two-year-old daughter for $3,350. Bred to Mercury, she had a mature equivalent (ME) projection of 13,060M 614F 4771P. She was backed by a VG-83 Eber Lea Farms Winston dam with records over 16,800M and 800F. She was purchased by Doug Stanton from Greeneville, NY. The second high seller was an Elsview Farms Fayette Joe daughter due in August to J Telestar. Her two-year-old 305 day ME Proj. was over 18,000M 700F. She was purchased by Mark Suttle of Orrville, OH. The sale was managed by the Guernsey Marketing Service (GMS) of Reynoldsburg, OH, and the Pennsylvania Guernsey Breeders' Association.

Upcoming GMS managed Guernsey sales scheduled for the fall, include the International Guernsey Classic, Wednesday, October 3 and the North American Showcase Sale, Saturday, November 3. The International Guernsey Classic will be held at the World Dairy Expo in Madison, WI. Thirty Guernseys from across the United States will be offered for sale. The North American Showcase will be held at the North American International Livestock Exposition in Louisville, KY. It will also feature 30 registered Guernseys from around the United States.

The Guernsey Marketing Service is the marketing division of the American Guernsey Association (AGA). The AGA is a non-profit organization for the registration and promotion of the Guernsey breed.

For more information contact Information Director Cheri Schroer, AGA, 7614 Slate Ridge Blvd., P.O. Box 666, Reynoldsburg, OH 43068 or telephone (614) 864-2409 or fax (614) 864-5614.

Energy Tax Would Hurt Farmers

WASHINGTON, D.C. — Any benefits that farmers would reap from passage of the 1990 farm bill will be more than negated if Congress enacts a broad-based energy tax, said Gary D. Myers, president of The Fertilizer Institute.

Myers explained that congressional and administration negotiators who have been discussing ways to reduce the federal deficit have proposed a tax on British Thermal Units (BTUs) of energy annually. Such a tax would fall most heavily on the agricultural industry, one of the largest energy users.

"There they go again," said Myers. "While Congress tries to focus farmers' attention on the benefits of the farm bill, they are getting ready to take huge amounts of money out of the farmers' pocket in the form of higher taxes and higher input costs."

Furthermore, said Myers, farmers would be hit by a double whammy. They would have to pay the tax on energy they use on the farm and also on the energy used to create the tools of their trade, including fertilizer, crop protection chemicals, and animal feeds.

"An energy tax would be an attempt to balance the budget on the backs of farmers," said Myers. "The result would be a devastated farm economy and higher food costs. The farm community should not focus all of its attention on the farm bill and ignore this tax threat."

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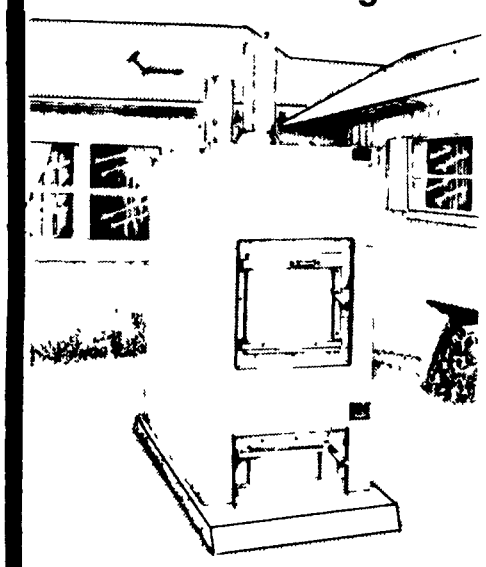

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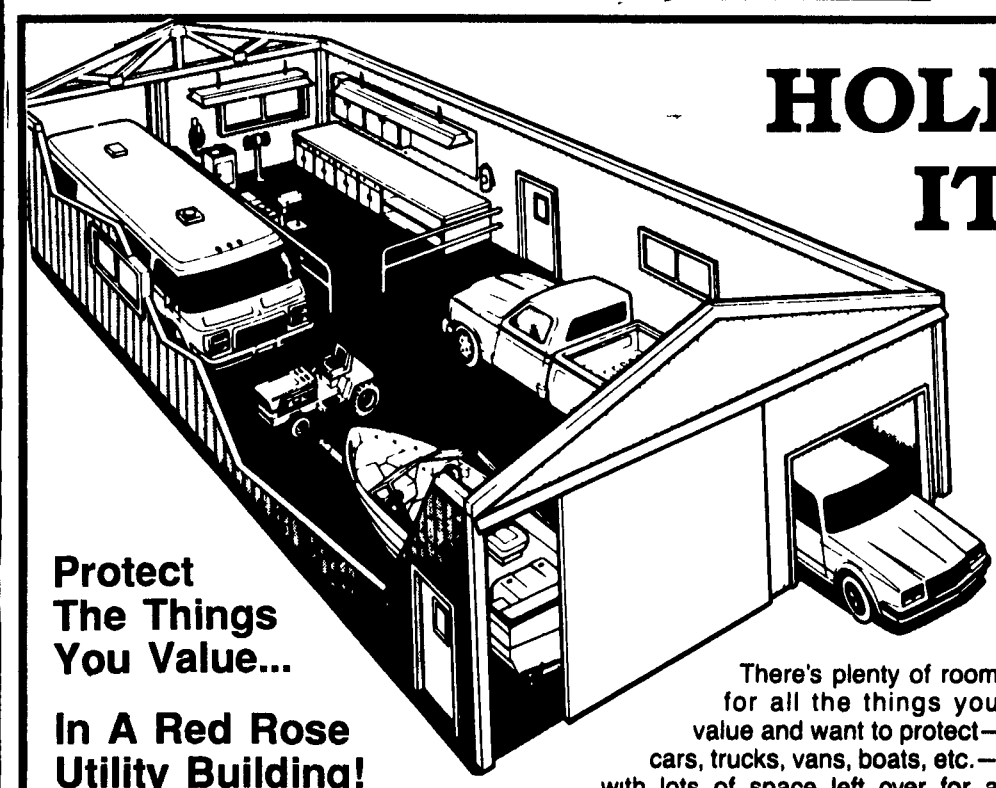

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Fruit Showcase Emphasizes Varieties

GETTYSBURG (Adams Co.) — What fruit varieties will be popular in the 1990s? How should commercial growers choose from the many promising new selections and crosses?

The 1990 Mid-Atlantic Fruit Variety Showcase scheduled for Sept. 6, can help growers and others find answers to these questions. The September exhibition also will provide a firsthand look at new fruit varieties on the horizon.

The showcase will be presented at the Pennsylvania State University Fruit Research Laboratory in Biglerville. Growers, fruit breeders, nursery operators, researchers, extension professionals, and orchard support industry representatives have been invited to participate.

The showcase will feature apple, pear, peach, nectarine, and some small fruit varieties that have potential for future fresh or processing markets. The program is coordinated by the cooperative extension of the Penn State University, University of Maryland, Rutgers University, Virginia Polytechnic Institute and State University, and the USDA-Appalachian Fruit Research Station.

Registration and fruit display set-up will be from 9 a.m. until 10:15 a.m. The schedule includes a tour of the apple variety and rootstock trial plots, a picnic lunch, a variety forum, and a complete exhibition of fruit varieties. The variety forum is a new addition to the showcase this year. During this forum, the main varieties will be discussed in detail by exhibitors, extension professionals, nurserymen, and growers.

The tour will be offered in the morning from 10:30 a.m. until noon. Penn State University pomologists Dr. George Greene and Dr. Rob Crassweller will show the apple variety and rootstock plots located on the Fruit Research Laboratory. Fuji, Mutzu, Nittany, and various other varieties will be observed in the plots.

Anyone wishing to participate in the showcase should collect 20 high-quality specimens of each variety. An "88 tray" will be provided for each entry, plus each exhibitor will be asked to complete a brief information form on each variety. Although most fall apple varieties will not be ready to harvest, the sponsors encourage participants to bring these selections as well.

In conjunction with the 1990 Mid-Atlantic Fruit Variety Showcase, a Mid-Atlantic Fruit Variety Testing Program is being organized, and all growers, nurserymen, and extension professionals are invited to participate. The primary benefit individuals will receive by participating in the variety testing program is the exchange of information important to the future of the orchard industry. Variety testing participant application forms will be available at your local county extension office.

The Penn State University Fruit Research Laboratory is located on University Drive, about 1 mile west of the center of Biglerville. For more information, contact William Kleiner, PSU extension fruit agent, at (717) 334-6271.

Number Of Corn-Based Products Grows

ST. LOUIS, MO — A number of new, corn-based industrial products are about to make their commercial debut, spokesmen for half a dozen firms told attendees at Corn Utilization Conference (CUC) III, co-sponsored by Ciba-Geigy seed division and the National Corn Growers Association (NCGA).

Seeds of research sown at two previous conferences could result in demand for up to 10 billion bushels of corn per year, said Don Johnson, vice president of development at Grain Processing Corp. and moderator of the industrial showcase sessions.

He said the fledgling industrial uses of the corn industry are ready to take off. "The key issue is maintaining an adequate supply of this renewable resource at a reasonable price while still giving the producer a profit," he said.

Session attendees found out some of the following:

•Detroit Diesel Corp. (DDC), which claims 90 percent of the U.S. heavy-duty diesel engine market, will have an alcohol-fueled engine ready for the urban transit bus market in 1991, reported Richard Winsor, technology manager. Most of DDC's research has been with methanol, he said, but he noted that neat and 190-proof ethanol outperform methanol. Ethanol provides lower volatility, lower toxicity, less corrosiveness, and better lubrication. "Ethanol's only known disadvantage is that it costs roughly twice as much as methanol, which costs roughly twice as much as a diesel per unit of energy," he said. An optional catalytic converter would make DDC's direct-injection engines, when fueled with ethanol, the cleanest heavy-duty engines in the world.

•Henkel Corp., the U.S. leading producer of chemicals from carbohydrates, already sells 10 million pounds of corn-based surfactants to the laundry, personal care, and industrial markets. Henkel already is expanding to further penetrate the multi-billion pound U.S. surfactant market, reported Steve Rogers, product manager. Not only is the corn-based surfactant alkylpolyglycoside (APG) price-competitive, it is low in toxicity, is biodegradable, skin safe, and it enhances the effectiveness of traditional surfactants when used as an additive.

•Archer Daniels Midland (ADM) will open a new $150 million fermentation plant in Decatur, Illinois, for the manufacture of a variety of amino acids, enzymes, antibiotics, lactic acid, and other specialty chemicals in the next several months.

•Southern plywood mills have demonstrated the superior strength and cost competitiveness of a corn-based additive to plywood glue mixes and resins, according to Larson Dunn of the University of Illinois. Use of methylglucoside can shorten the manufacturing process, improve plywood strength, and enhance worker safety, he said. Future potential can be expected in the resin-intensive and the growing particle and fiberboard markets.

• If ethanol captures 35 percent of the oxygenated fuel and 30 percent of the reformulated gasoline markets, the U.S. demand for ethanol could double to 2.2 billion gallons by 1994 and climb to 3.3 billion gallons by the year 2000, according to Linden Shepard, vice president of sweetener marketing for A.E. Staley Mfg. Co. Market potential depends on OPEC strategy as well as U.S. tax policy, clean air, and alternative fuels legislation, he said.

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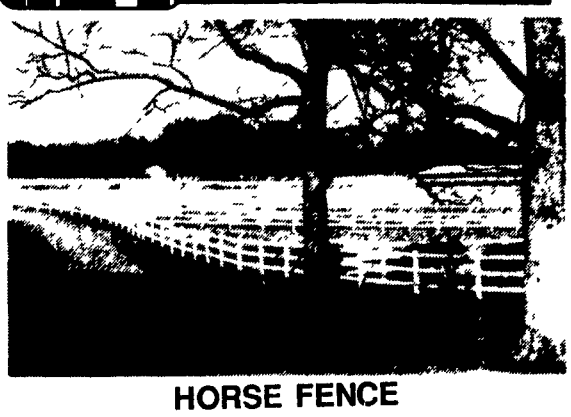
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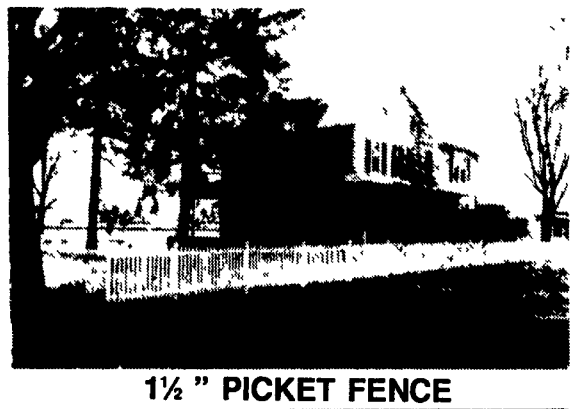
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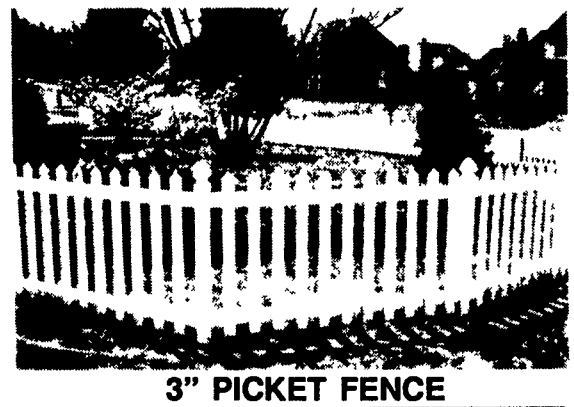
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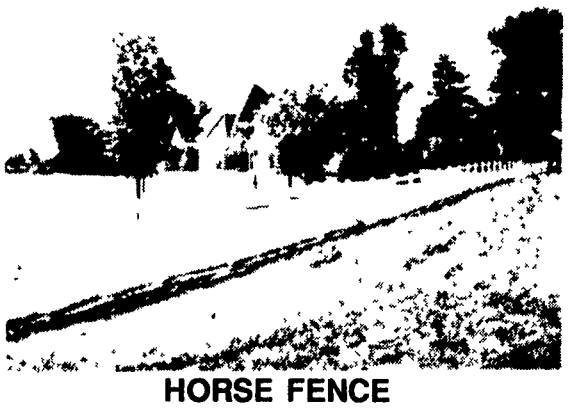
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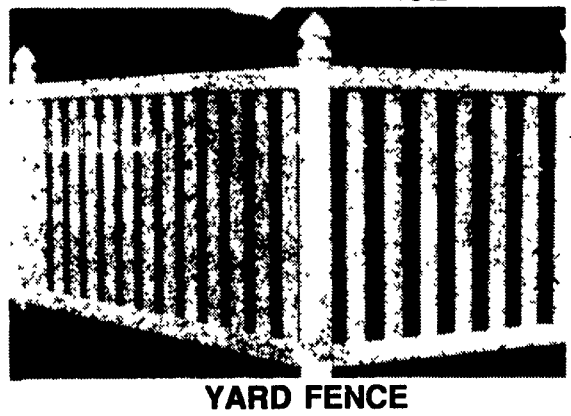
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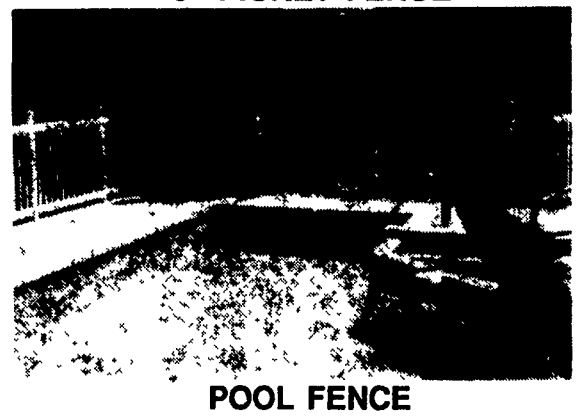
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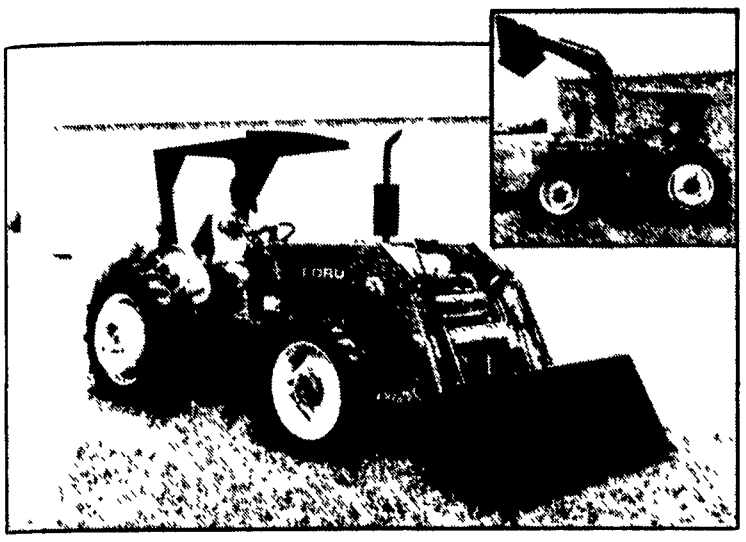

THE DUAL 115 LOADER is built with premium strength steel, resulting in added strength without the added weight. Today's FWA tractors require added strength throughout the loader because of their added weight and traction. Large 2½ " cylinders lift 2025# to a full height of 120". FAST-D-ACH system allows the loader to be removed from the tractor in minutes. When re-attached the loader is rigidly secured to the tractor with a quick twist of a wrench.

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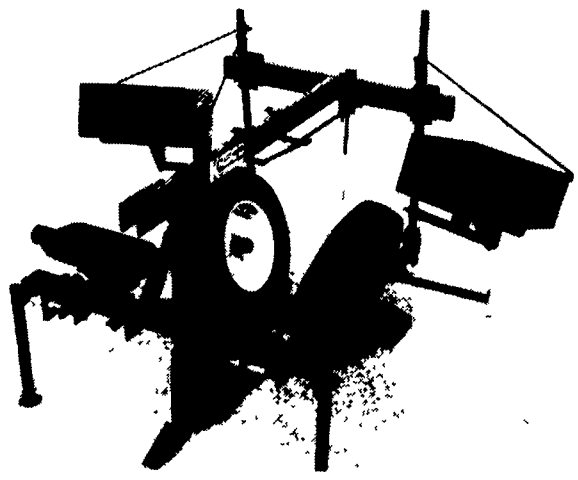

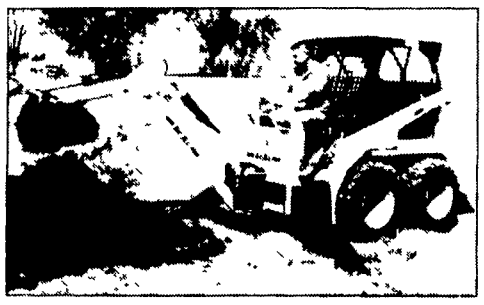

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The Model 1015 Backhoe mounts up front and easy on skid steer loaders having a lift capacity of 800 to 1200 pounds. Designed for commercial usage, these units are popular with rental yards, small contractors, landscapers, nurseries and agricultural people because they are economical and perform well in confined areas.

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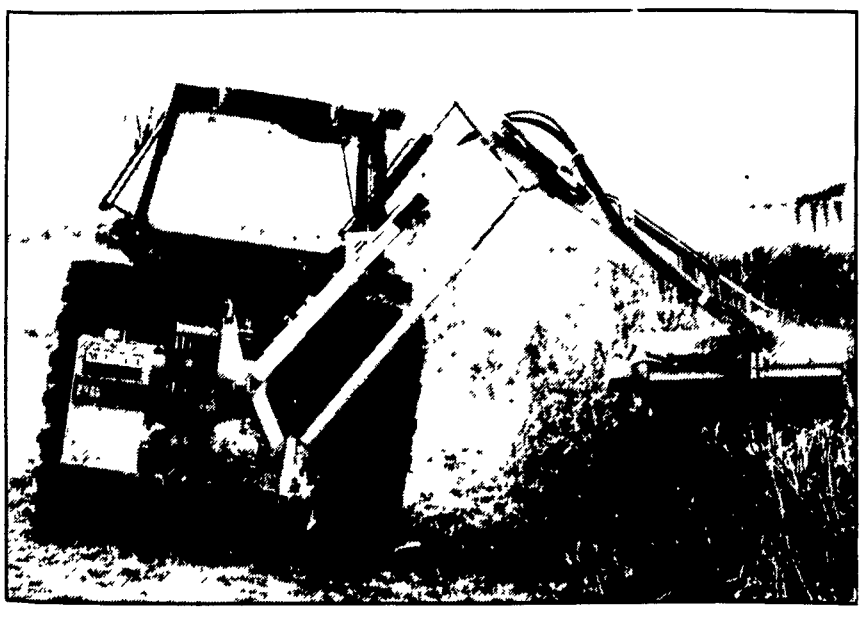

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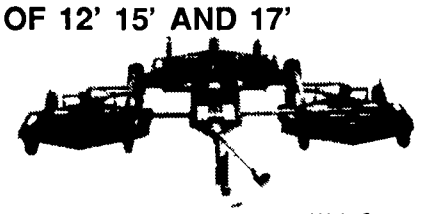

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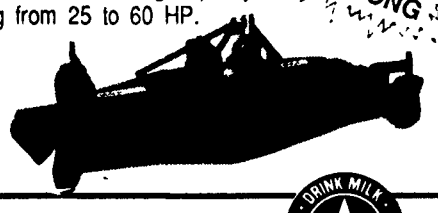

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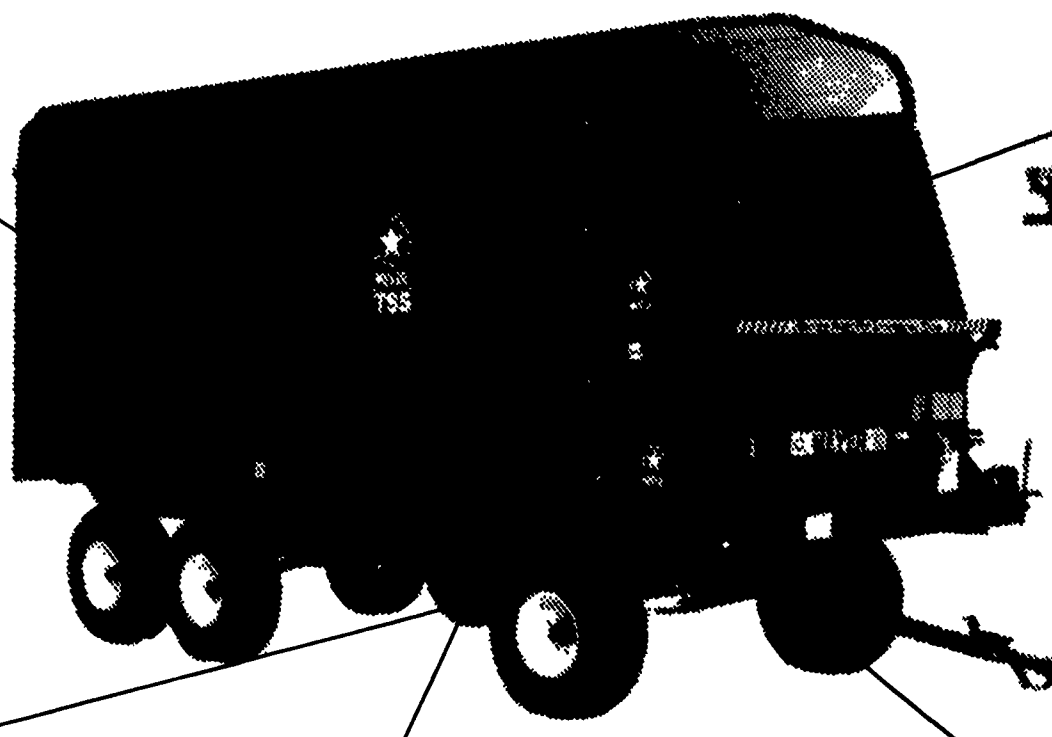

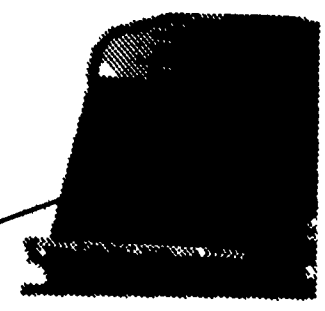

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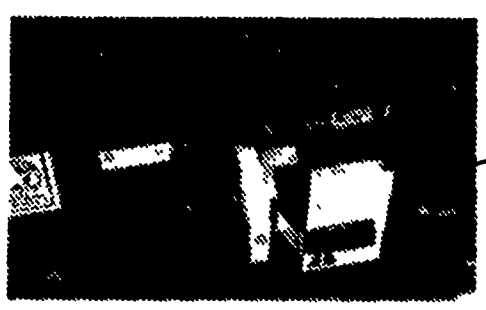

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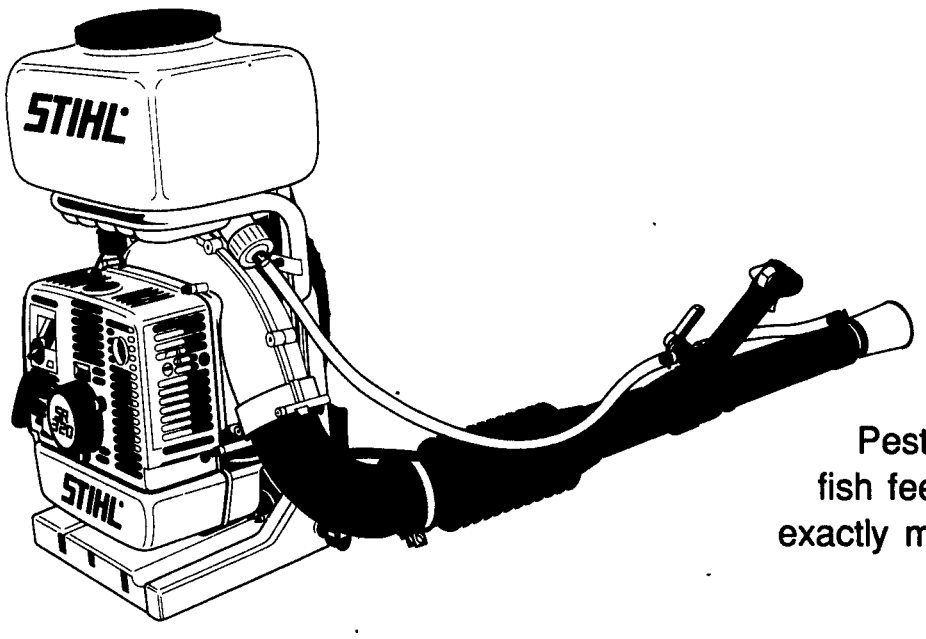

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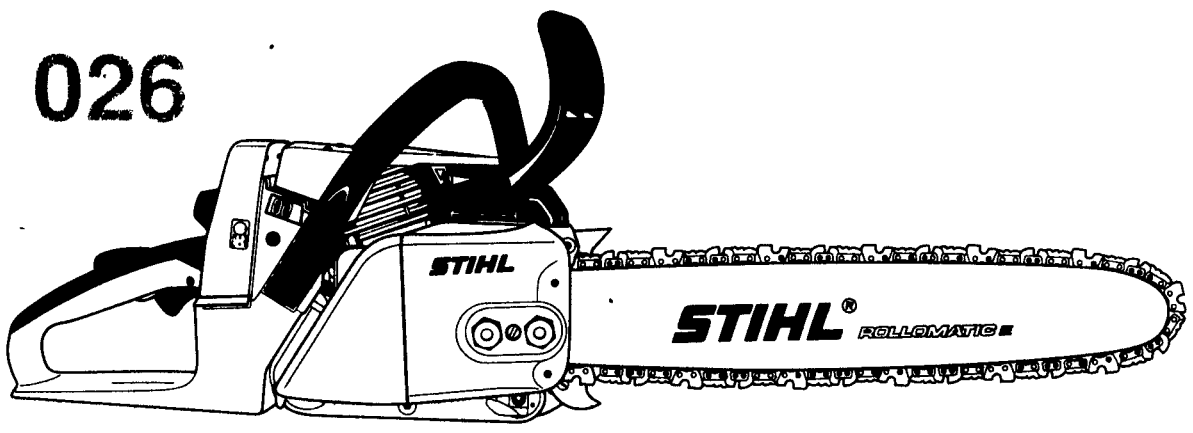

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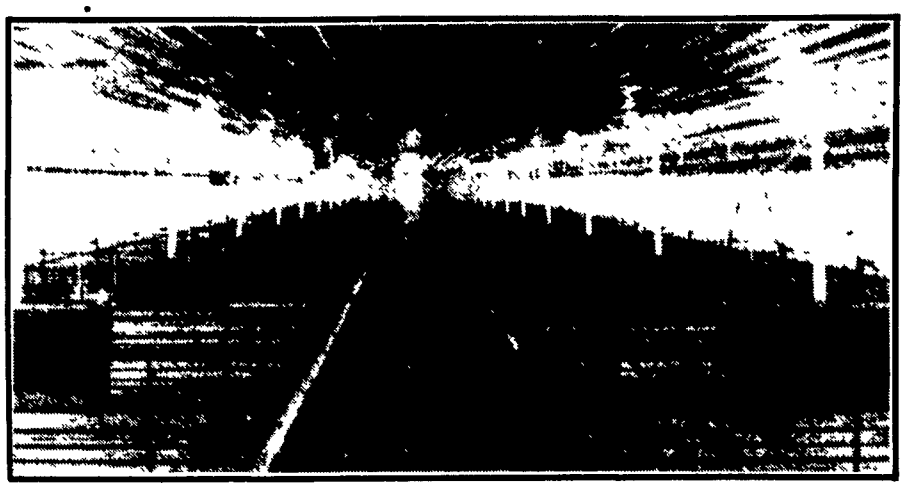

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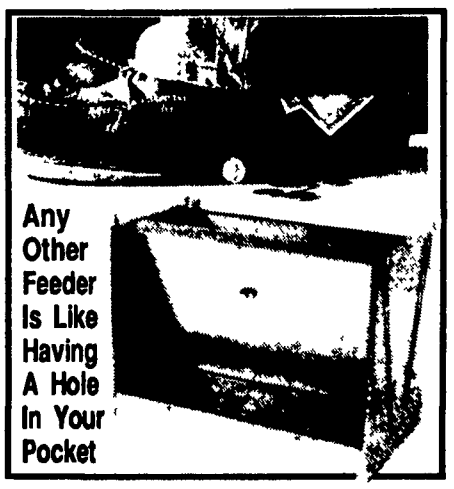

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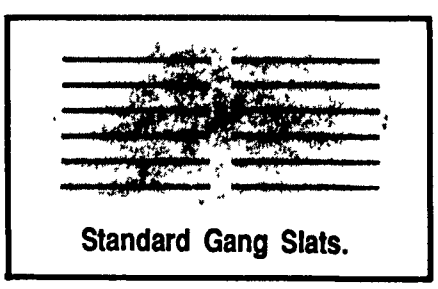
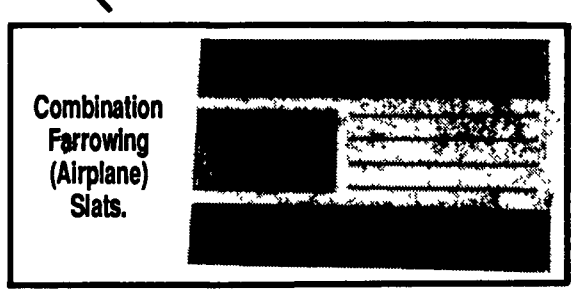
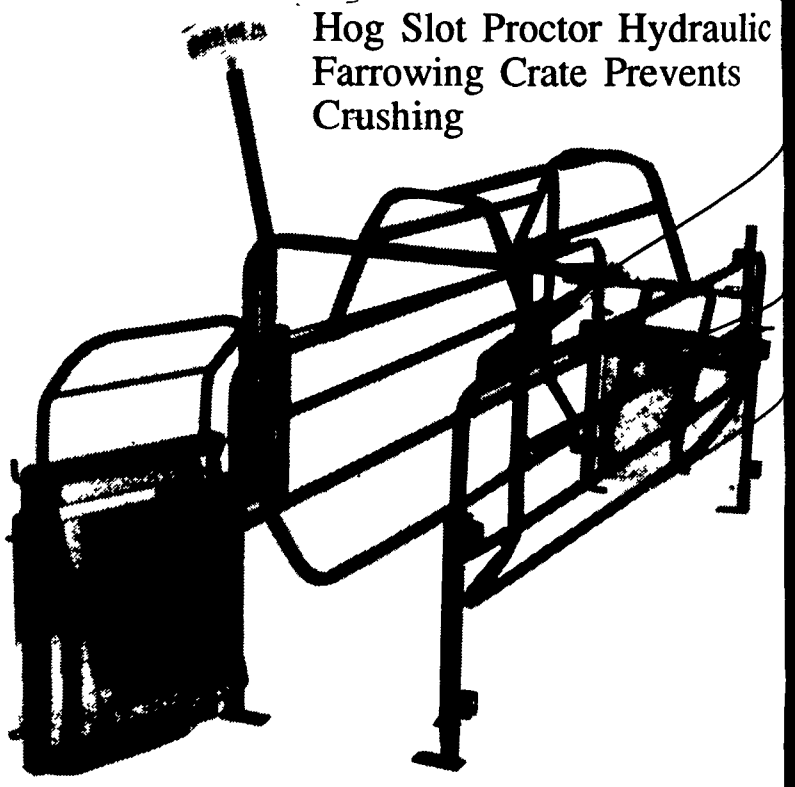

Standard Gang Slats.


Combination Farrowing (Airplane) Slats.

Hog Slot Proctor Hydraulic Farrowing Crate Prevents Crushing



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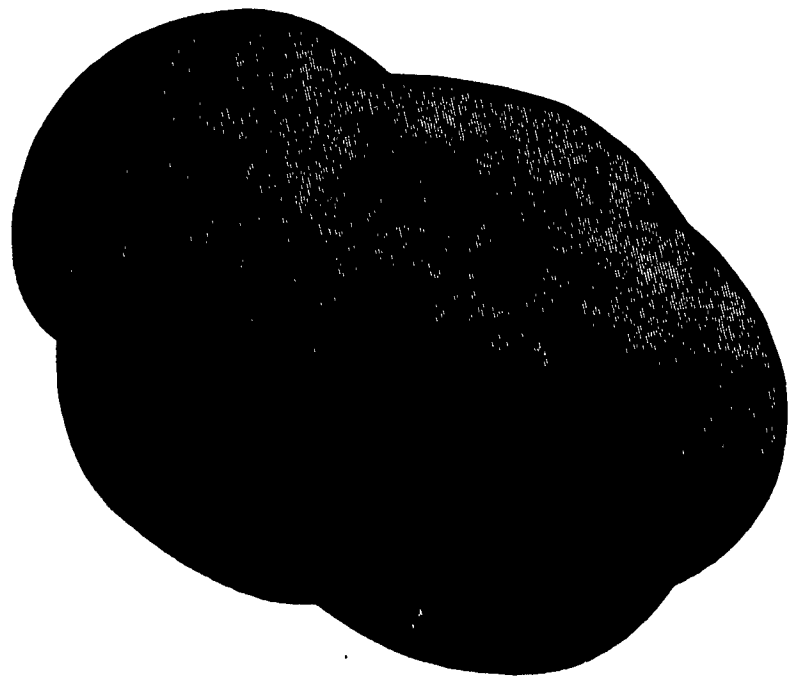

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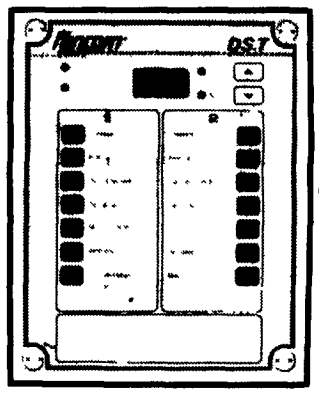

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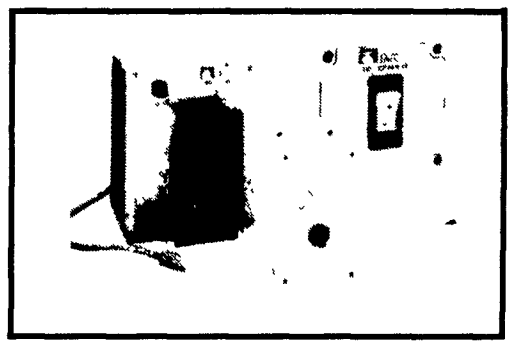

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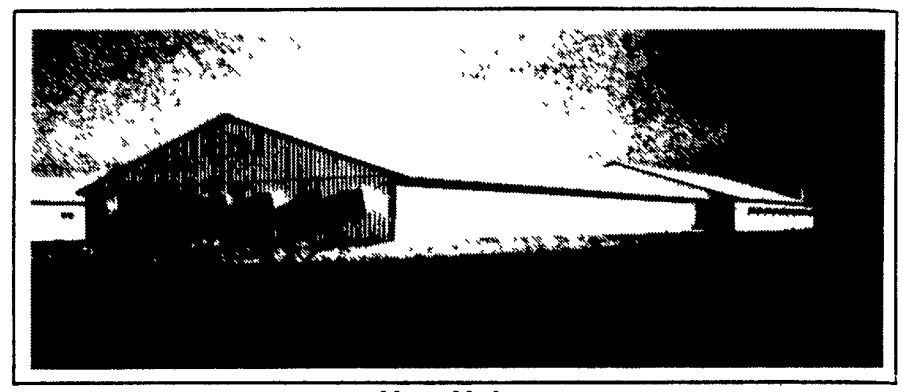

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Shippensburg Fair Has Top Dairy Show

BONNIE BRECHBILL
Franklin Co. Correspondent

SHIPPENSBURG (Franklin Co.) — Pleasant Valley Jerseys of Chambersburg once again made a strong showing in the Jersey Show at the Shippensburg Community Fair. Owned by the Lester Martin family, Pleasant Valley Jerseys showed the senior and grand champion and the Best Bred and Owned cow July 23 at the Shippensburg Fairgrounds. The grand champion, Pleasant Valley Master Trixie, along with her dam, Halen Generator Tipsey, placed first in the dam and daughter class. Trixie was also the Best Uddered cow of the show.

The Martins showed the top cow in the 100,000 pound class, DJF Gen Peony, a thirteen-year-old cow who has made 131,590 pounds of milk and 5,705 pounds of fat.

Along with numerous ribbons, the Premier Exhibitor banner also went home with the Martin family.

Reserve grand champion honors of the show went to Elm Valley B S Primrose, a six-year-old cow owned by Dianne Dice of Fredericksburg. Primrose was the second-best uddered cow of the event.

The Premier Breeder award went to the William Dietrich family of Newburg, who own and operate Carrock Jerseys.

In the Guernsey show, Long Lane Farm of Waynesboro showed the grand champion and the reserve champion. Long Lane Mels Jasmine, a junior two-year-old, took top honors, while Long Lane Fayvor Lad Luv was named reserve champion. Luv, a three-year-old, was the grand champion of last year's show.

The Gloss sisters of Chambersburg led their cows to the championship spots in the Brown Swiss portion of the show. Patti showed the grand champion, Twin Lane Performer Queenie, a dry four-year-old, while Jenny's three-year-old, Pine Hill Jubilation Honey, was named reserve grand champion.

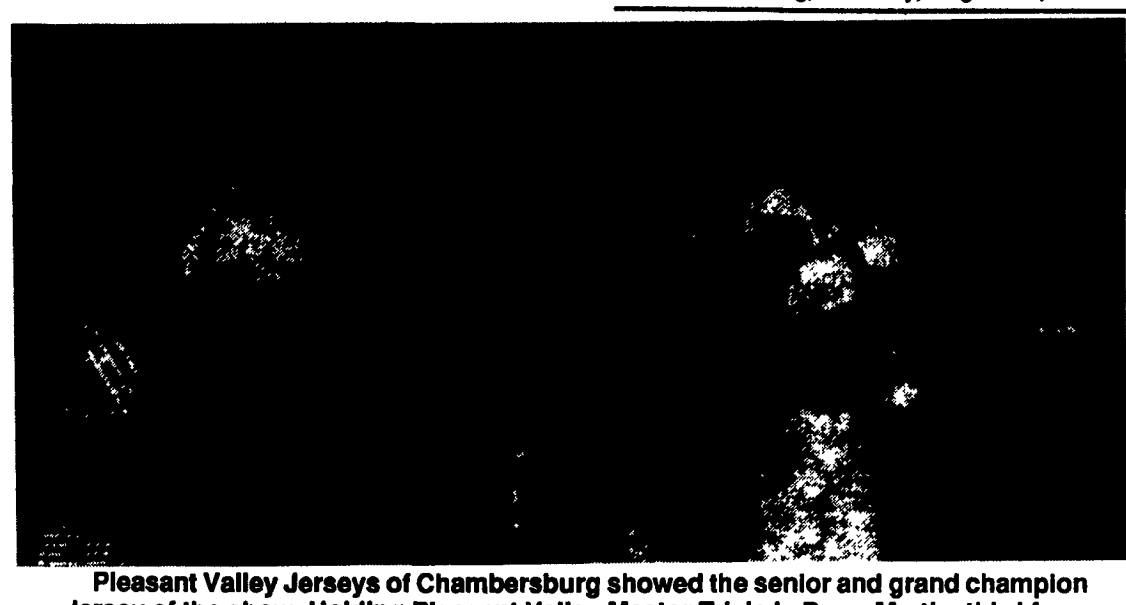
The James H. Young family of Three Springs Farm, Newville, took home the top awards in the Milking Shorthorn portion of the show. Three Springs Cherry, a dry four-year-old, was named grand champion, and Three Springs B.R. Jewel, a five-year-old, was named reserve champion.

In the Ayrshire show, MRK E-Z Win Saydra, a three-year-old owned by Michael Hensel of Newburg, was named senior and grand champion and best-uddered cow. Mary Ellen Deaven's five-year-old cow, Lil Dutch-Acres Holly, took home reserve grand champion honors. Best Bred and Owned cow of the show was Ockerdale Spirit Janet Jamie, a four-year-old owned by Heath Ocker of Shippensburg.

Judge for the five colored breeds was Steve Wood of Penn Gate Farm, Littlestown.

Placings in the Jersey show follow:

(Turn to Page E6)



Pleasant Valley Jerseys of Chambersburg showed the senior and grand champion Jersey of the show. Holding Pleasant Valley Master Trixie is Doug Martin, third from right. Reserve senior and reserve grand champion of the show was shown by Dianne Dice of Fredericksburg, third from left. Second from left is judge Steven Wood. Second from right is Art Salisbury of Landmark Genetics, which sponsored the class. They are flanked by Cumberland County Junior Dairy Representatives Laura and Christine Deitch.

Premier Breeders of the Jersey show was the Dietrich Family of Carrocks Jerseys, Newburg. From left are Emily Dietrich, Melanie Dietrich, Jenny Baum, Susan Dietrich and Bill Dietrich. The Premier Exhibitor banner went to the Lester Martin family of Pleasant Valley Jerseys, Chambersburg. From middle rear are Paul Holderman, Tina Martin, Lester and Ruth Martin, Karla Slick holding Christopher Slick, and Doug and Julie Martin.

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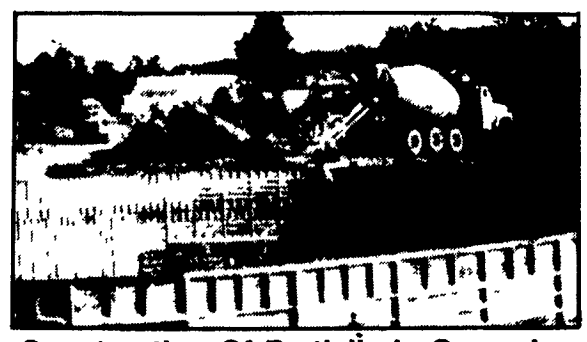
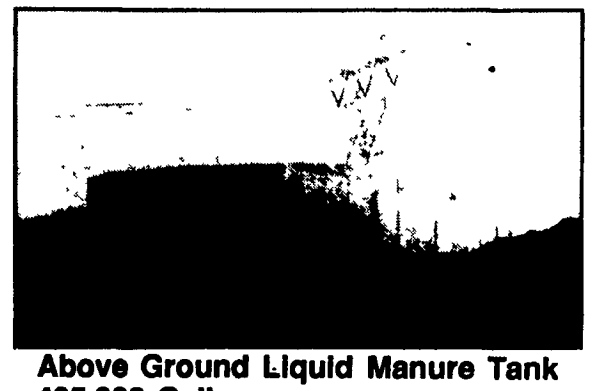


Construction Of Partially In-Ground Liquid Manure Tank - 400,000 Gallons

300' Long Manure Pit For Hog Confinement



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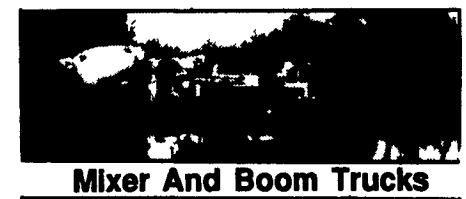

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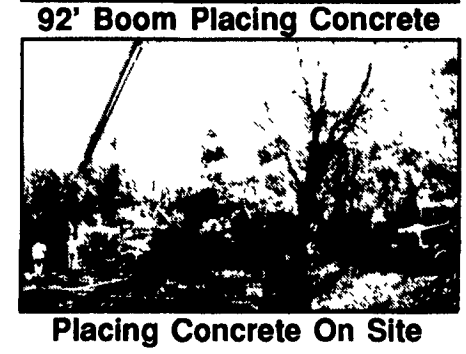

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Shippensburg Fair

(Continued from Page E5)

Junior Heifer Calf
1 Daniel Hockenberry, Chambersburg, 2 William & Susan Dietrich, Newburg
Intermediate Heifer Calf
1 Linda D. Rock, Landisburg, 2 Emily Dietrich, Newburg, 3 Jenni Baum, Shippensburg
Senior Heifer Calf
1 Curtis Reichard, Chambersburg, 2 Doug & Beth Reinhart, Chambersburg, 3 Susan Myers, Littlestown
Summer Yearling
1 Chris Reichard, Chambersburg, 2 Doug & Beth Reinhart, 3 Doug & Beth Reinhart
Junior Yearling Heifer
1 Doug & Beth Reinhart, 2 Joyce Hockenberry, Chambersburg, 3 Belinda Geesaman, Waynesboro
Intermediate Yearling Heifer
1 Susan Myers, 2 Leroy Hockenberry, Chambersburg, 3 Emily Dietrich.
Senior Yearling Heifer
1 Curtis Reichard, 2 Beth Reinhart, 3 Nate Gutshall, Newville
Junior Champion Female
Curtis Reichard
Reserve Junior Champion Female
Curtis Reichard
Junior Best Three Females
1 Pleasant Valley Jerseys, Chambersburg, 2 Green Manor Farm, 3 Doug & Beth Reinhart
Dry Cow Four Years And Under
1 Adam Horst, Mercersburg
Dry Cows Five Years And Over
1 Chris Reichard, 2 Melanie Dietrich, Newburg, 3 Pleasant Valley Jerseys
Junior Two Year Olds
1 Chris Reichard, Chambersburg (1 BU), 2 Bradley Reichard, Chambersburg, 3 Ann Allen, Newburg
Senior Two Year Old
1 Doug & Beth Reinhart, 2 Doug & Beth Reinhart (1 BU), 3 Melanie Dietrich
Three Year Old
1 Pleasant Valley Jerseys (1 BU), 2 Doug & Beth Reinhart, 3 Tina Martin, Chambersburg
Four Year Old
1 Melanie Dietrich (1 BU), 2 Scott Enslin, Newburg, 3 Doug & Beth Reinhart
100,000 Pound Cows
1 Pleasant Valley Jerseys, 2 Pleasant Valley Jerseys, 3 William Dietrich
Five Year Old
1 Pleasant Valley Jerseys, 2 Pleasant Valley Jerseys, Dianne Dice, Fredericksburg, 3 Melanie Dietrich
Six Years And Over
1 Pleasant Valley Jerseys (1 BU), 2 Dianne Dice, Fredericksburg, 3 Rebecca Cornman, Carlisle
Senior & Grand Champion
Pleasant Valley Jerseys
Reserve Senior And Reserve Grand Champion
Dianne Dice, Fredericksburg
Best Udder
1 Pleasant Valley Jerseys; 2 Dianne Dice, Fredericksburg
Best Bred & Owned
Pleasant Valley Jerseys
Premier Exhibitor
Pleasant Valley Jerseys
Premier Breeder
Carrock Farm
Senior Best Three
1 Pleasant Valley Jerseys
Produce Of Dam
1 Tina Martin, 2 Doug & Beth Reinhart, 3 Tina Martin
Dam & Daughter
1 Pleasant Valley Jerseys, 2 Pleasant Valley Jerseys, 3 Pleasant Valley Jerseys

Placings in the Guernsey show follow:

Junior Heifer Calf
1 Michael Hensel, Shippensburg, 2 Jeffrey McCullough, Newville.
Intermediate Heifer Calf
1 Donald & Vicky McCullough, Newville, 2 Long Lane Farm, Waynesboro, 3 Long Lane Farm
Senior Heifer Calf
1 Douglas McCullough, Newville, 2 Jeffrey McCullough
Summer Yearling
1. Long Lane Farm; 2. Long Lane Farm, 3 Jeffrey McCullough.
Junior Yearling Heifer
1 Donald & Vicky McCullough, 2 Long Lane Farm
Senior Yearling Heifer
1 Long Lane Farm
Junior Champion Female
Douglas McCullough
Reserve Junior Champion Female
Donald & Vicky McCullough
Junior Best Three Females
1 Jeffrey McCullough, 2 Long Lane Farm
Dry Cow Four Years And Under
1 Long Lane Farm
Dry Cows Five Years And Over
1 Long Lane Farm
Junior Two Year Olds
1 Long Lane Farm, 2 Jeffrey McCullough, 3 Donald & Vicky McCullough
Senior Two Year Old
1 Long Lane Farm
Three Year Old
1 Long Lane Farm
Four Year Old
1 Long Lane Farm
Senior & Grand Champion
Long Lane Farm
Reserve Senior And Reserve Grand Champion
Long Lane Farm

(Turn to Page E10)

Michael Hensel of Newburg holds his three-year-old grand champion Ayrshire, MRK E-Z Win Saydra. Mary Ellen Deaven, Newburg, showed the reserve grand champion. Congratulating them are Laura Deitch, Cumberland County Junior Dairy Representative, left; judge Steve Wood and Christine Deitch, Cumberland County Junior Dairy Representative.

Long Lane Farm, Waynesboro, showed both the grand champion and the reserve grand champion of the Guernsey show. Marion Benedict, second from right, holds the grand champion, while his daughter Ruth Ann John is at the halter of the reserve grand champion. At front is Carrie John. Congratulating them are Franklin County Dairy Princess Stacy Brindle and judge Steve Wood.

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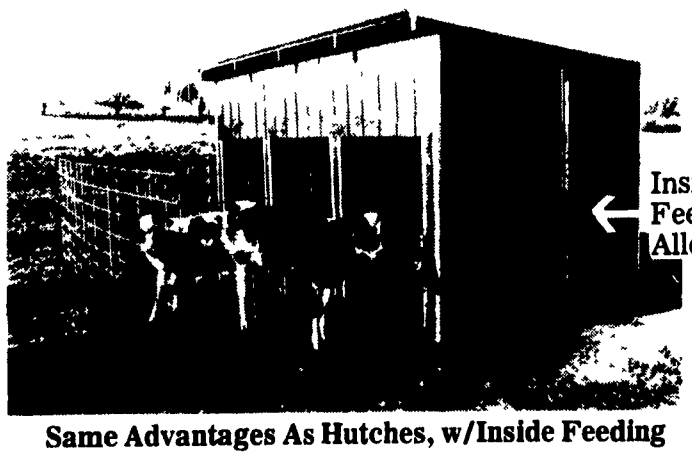
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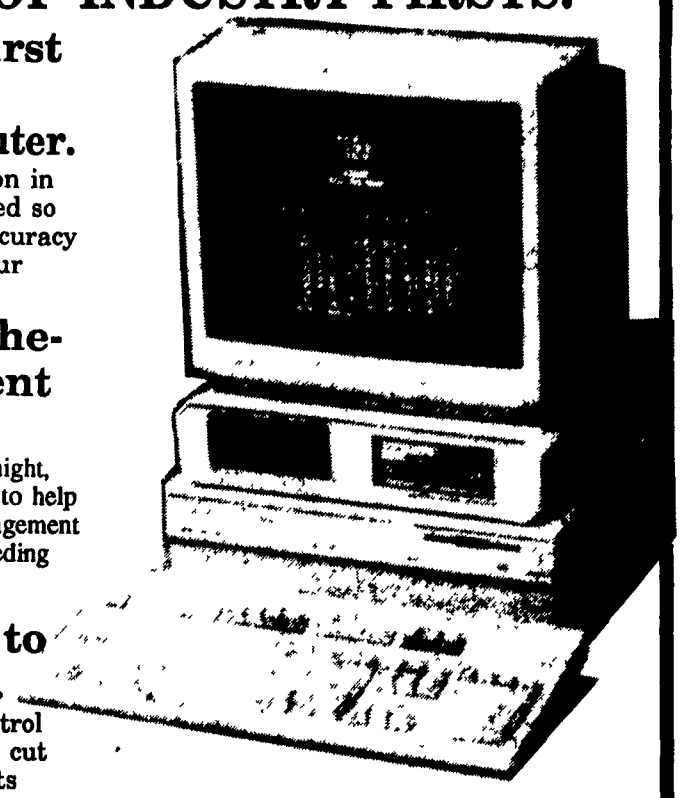
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Ag Progress Days SPECIAL REPORT

ENVIRONMENTAL EDUCATION
George Hurd
Environmental/Resource Development Agent

The theme for this year's Ag Progress Days is "Food and Environmental Quality." The theme reflects the growing importance being placed on environmental awareness.

Several of the planned Ag Progress Days demonstrations deal with current environmental issues facing Pennsylvanians. These demonstrations tie in directly with educational programming being done at the county level by extension agents.

A major demonstration planned for Ag Progress Days is on recycling. Mandatory curbside recycling will begin this fall for many municipalities in Pennsylvania. One of the goals set forth by the State is that at least 25 percent of all municipal waste and source separated recyclable materials generated in Pennsylvania should be recycled.

The increasing problem with disposal of all types of waste is a major reason for setting this goal. An educational display at Ag Progress Days will explain these issues and how they relate to recycling.

Recycling education at the local level is being done by extension agents. A major educational effort by agents has been on using newspaper for livestock bedding.

There is a problem statewide with marketing recycled newsprint. Using shredded newsprint for livestock bedding is a viable alternative that would prevent a substantial amount of this material from being landfilled. Agents have organized meetings and equipment demonstrations statewide to provide information on this practice.

Research is being conducted at Penn State University on using newsprint for livestock bedding and there will be an equipment demonstration at Ag Progress Days. The demonstration will show various types of equipment that can be used for shredding paper and blowing it into stalls.

Another demonstration at Ag Progress Days will be on composting. Starting in September, the state will no longer allow landfills to accept truckloads comprised primarily of leafwaste. Municipalities will have to find alternative methods for leafwaste disposal.

One method is composting. Leafwaste composting can be done at a centralized municipally run facility and in backyards by homeowners. If properly managed, composting yardwaste is a safe practice that can produce a useful material and help reduce the amount of waste going into landfills. The Ag Progress Days demonstration will focus on methods for backyard composting.

At the local level, extension agents primarily through the "Master Gardener Program" have been educating individuals on backyard composting. Educational programs will be expanding to provide information to homeowners on lawn care.

An important issue here concerns homeowners bagging their grass clippings. Waste composition studies have shown that between March and September, the volume of residential solid waste in many areas increases 20 to 50 percent because of grass clippings. Grass clippings do not have to enter the waste stream and in most instances should remain on the lawn. Material that is collected can be composted. Information on lawn care maintenance that would help reduce this problem is being provided by extension agents.

These demonstrations at Ag Progress Days reflect research being conducted at Penn State and educational programming being done by extension agents on environmental issues. An emphasis has been placed on developing practical and safe alternatives that will help lessen the waste disposal problems faced by Pennsylvanians.

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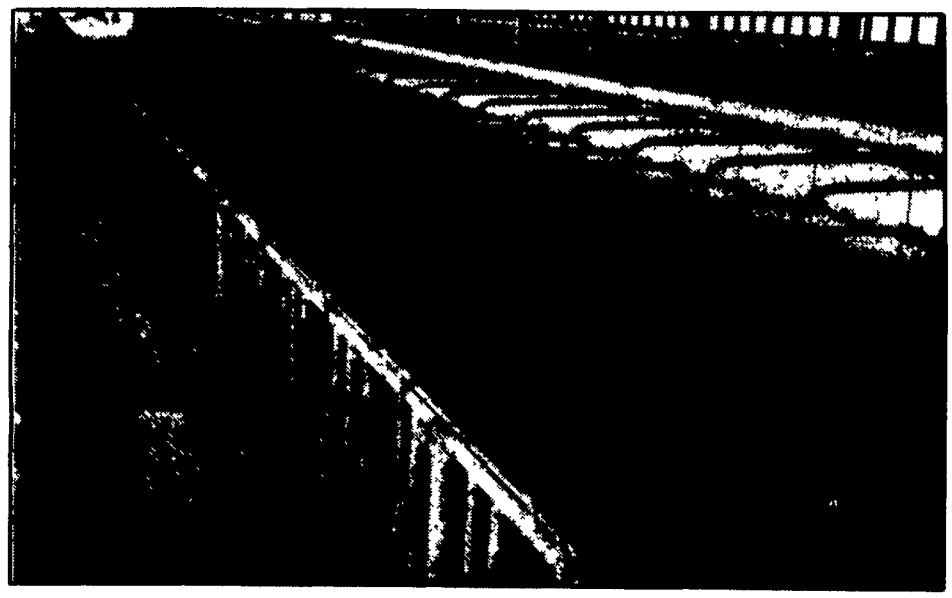
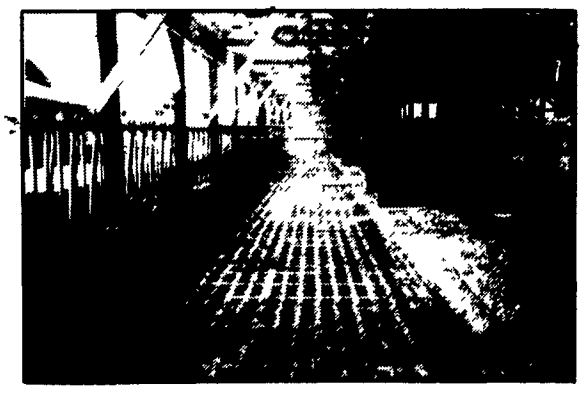


"Waffle Cattle Slats"



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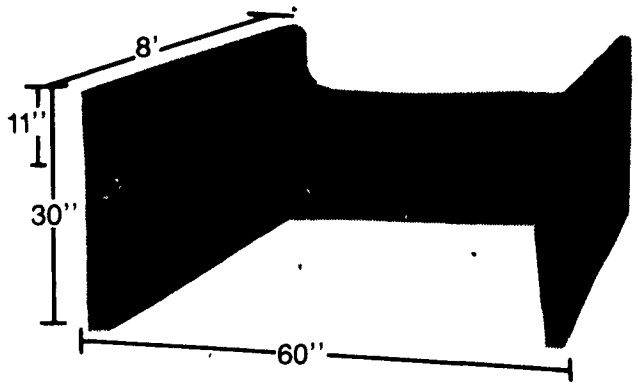
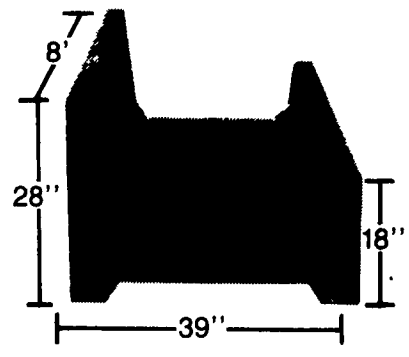


H-Bunks



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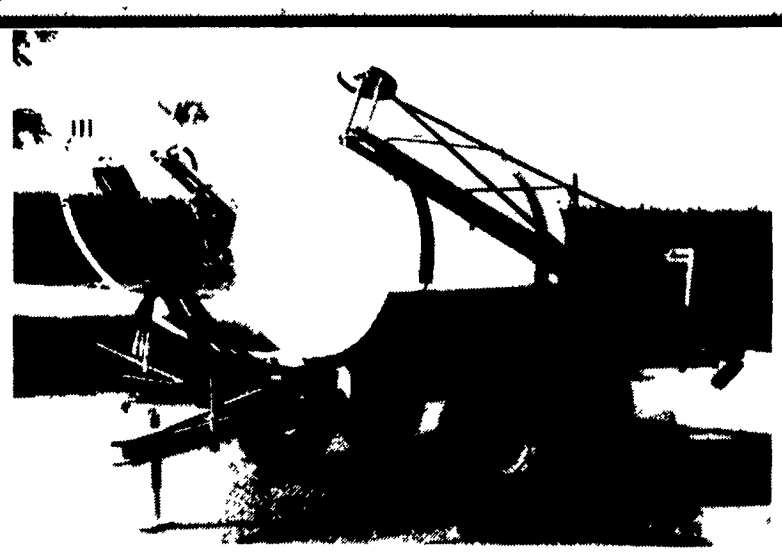

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- Adj. Boom Height
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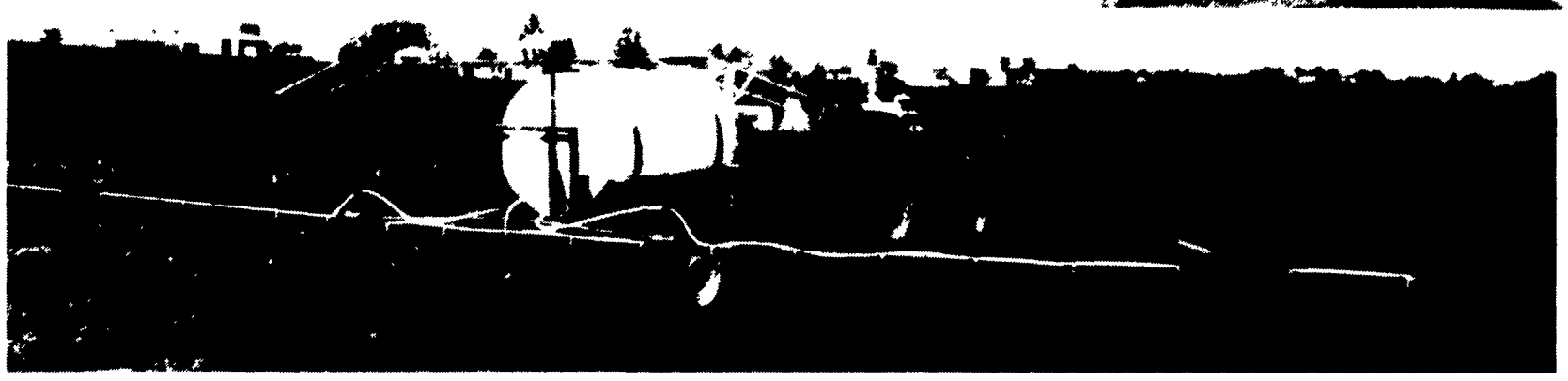

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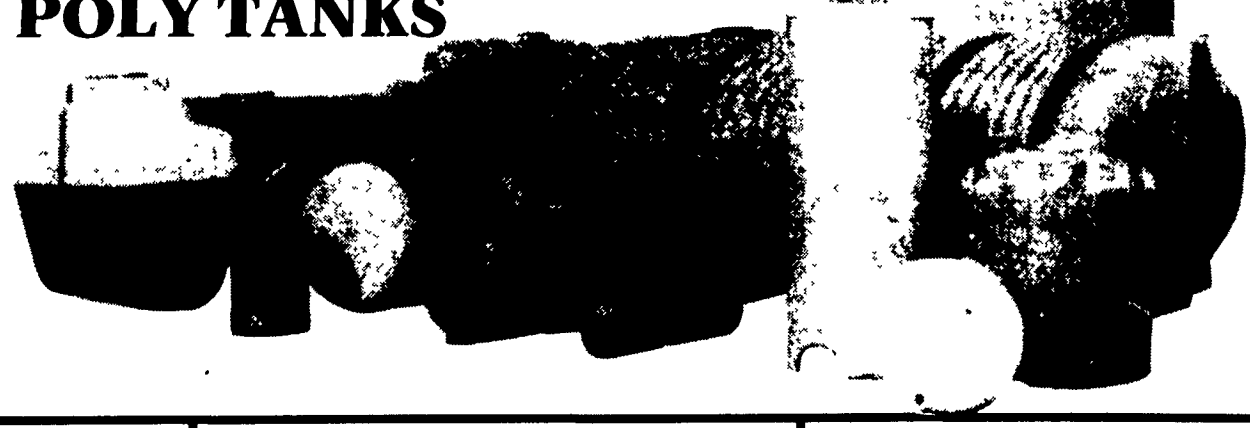
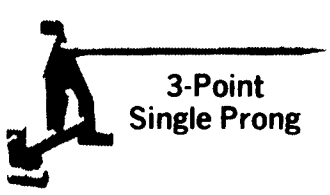
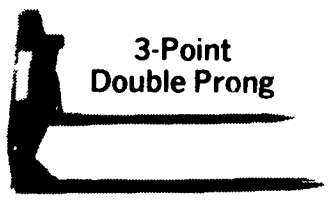
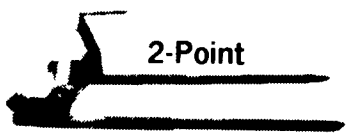


ROUND BALE MOVERS

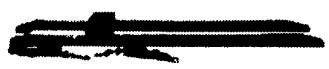




The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.



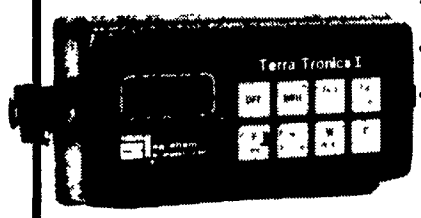
Front End Loader Forks



- Can be mounted on loader bucket in minutes
- No special attachment needed

TERRA-TRONICS I

Electronic Monitor Measures Working Acres And Ground Speed



- Easy-to-see digital readout
- Easy-to-operate touch sensitive keys
- Operates with any field implement requiring acre measurement - pulled, mounted, or self-propelled sprayers, combines, etc.

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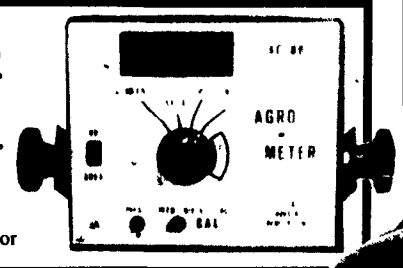
- Measure Speed, Area, And Distance
- Calculate "On The Go" Pressure Changes
- Large LED Display

Includes Speed Sensor



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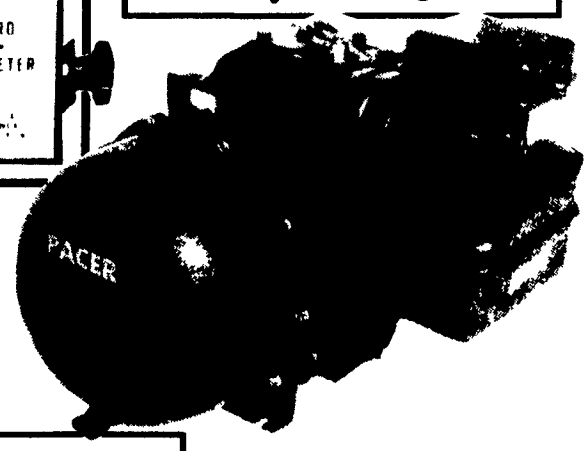

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Sisters Jenny and Patty Gloss of Chambersburg showed the reserve grand champion and the grand champion, respectively, of the Brown Swiss show. Congratulating them are Franklin County Dairy Princess Stacy Brindle and judge Steve Wood.

Jim Young of Three Springs Farm, Newville, showed both the grand champion and the reserve grand champion of the Milking Shorthorn show. Young, second from right, holds the grand champ while Chris Weber is at the halter of the reserve grand champion. Congratulating them are Franklin County Dairy Princess Stacy Brindle and judge Steve Wood.

Shippensburg Fair

(Continued from Page E6)

Produce Of Dam
1 Long Lane Farm, 2 Long Lane Farm
Dam & Daughter
1 Long Lane Farm, 2 Long Lane Farm

Placings in the Brown Swiss show follow:

Intermediate Heifer Calf
1 Tammie Gloss, Chambersburg, 2 Patty Gloss, Chambersburg, 3 Lonnie A Wickard, Shippensburg
Senior Heifer Calf
1 Heather Mellott, St Thomas, 2 Larissa Mellott, St Thomas, 3 Patty Gloss
Summer Yearling
1 Jenny Gloss, Chambersburg, 2 Melissa Brantner, Lurgan, 3 Patty Gloss
Junior Yearling Heifer
1 Trent O. Wickard, Shippensburg
Intermediate Yearling Heifer
1 Jenny Gloss
Senior Yearling Heifer
1 William Gloss, Chambersburg
Junior Champion Female
Tammie Gloss
Reserve Junior Champion Female
Heather Mellott
Junior Best Three Females
1 Jenny Gloss, 2 Patty Gloss, 3 William Gloss
Dry Cow Four Years And Under
1 Patty Gloss
Dry Cows Five Years And Over
1 William Gloss
Junior Two Year Olds
1 William Gloss, 2 Jenny Gloss
Three Year Old
1 Jenny Gloss
Senior & Grand Champion
Patty Gloss
Reserve Senior And Reserve Grand Champion
Jenny Gloss

Placings in the Milking Shorthorn show follow:

Intermediate Heifer Calf
1 James C Young, Newville
Senior Heifer Calf
1 Christine Young, Newville
Summer Yearling
1 Jennifer Miller, Newville.
Junior Yearling Heifer
1 Christine Young, 2 James C Young
Intermediate Yearling Heifer
1 James C Young, 2 Christine Young
Senior Yearling Heifer
1 James C Young
Junior Champion Female
Christine Young
Reserve Junior Champion Female
James C Young
Dry Cow Four Years And Under
1 James H Young, Newville.
Junior Two Year Olds
1 Mark Brantner, Lurgan, 2 James C Young
Senior Two Year Old
1. Christine Young.
Three Year Old
1. James C. Young.
Five Year Old
1 James H. Young
Six Year Old
1 James H Young
Senior & Grand Champion
James H Young
Reserve Senior and Reserve Grand Champion
James H Young
Produce Of Dam
1 James H Young, 2 Three Springs Farm

Placings in the Ayrshire show follow:

Junior Heifer Calf
1 Michael Hensel, Newburg, 2. Mary Ellen Deaven, Newburg, 3. Jeannie Cohick, Newburg
Intermediate Heifer Calf
1 Mary Ellen Deaven.
Senior Heifer Calf
1 Mary Ellen Deaven, 2. Heath Ocker, Shippensburg
Summer Yearling
1 Mary Ellen Deaven
Junior Yearling Heifer
1 Jennifer Zinn, Newburg, 2. Michael Hensel; 3 Jeannie Cohick
Intermediate Yearling Heifer
1 Mary Ellen Deaven, 2 Michael Hensel, 3 Mary Ellen Deaven
Junior Champion Female
Mary Ellen Deaven
Reserve Junior Champion Female
Heath Ocker
Dry Cow Four Years And Under
1 Mary Ellen Deaven, 2. Michael Hensel
Junior Two Year Olds
1 Mary Ellen Deaven, 2 Jeannie Cohick 3 Heath Ocker
Three Year Old
1 Michael Hensel (1 BU), 2 Mary Ellen Deaven
Four Year Old
1 Mary Ellen Deaven; 2 Heath Ocker
Five Year Old
1 Mary Ellen Deaven
Senior & Grand Champion
Michael Hensel
Reserve Senior And Reserve Grand Champion
Mary Ellen Deaven
Best Udder
1 Michael Hensel
Best Bred & Owned
Heath Ocker
Produce Of Dam
1 Heath Ocker.
Dam & Daughter
1 Michael Hensel; 2 Heath Ocker, 3 Mary Ellen Deaven

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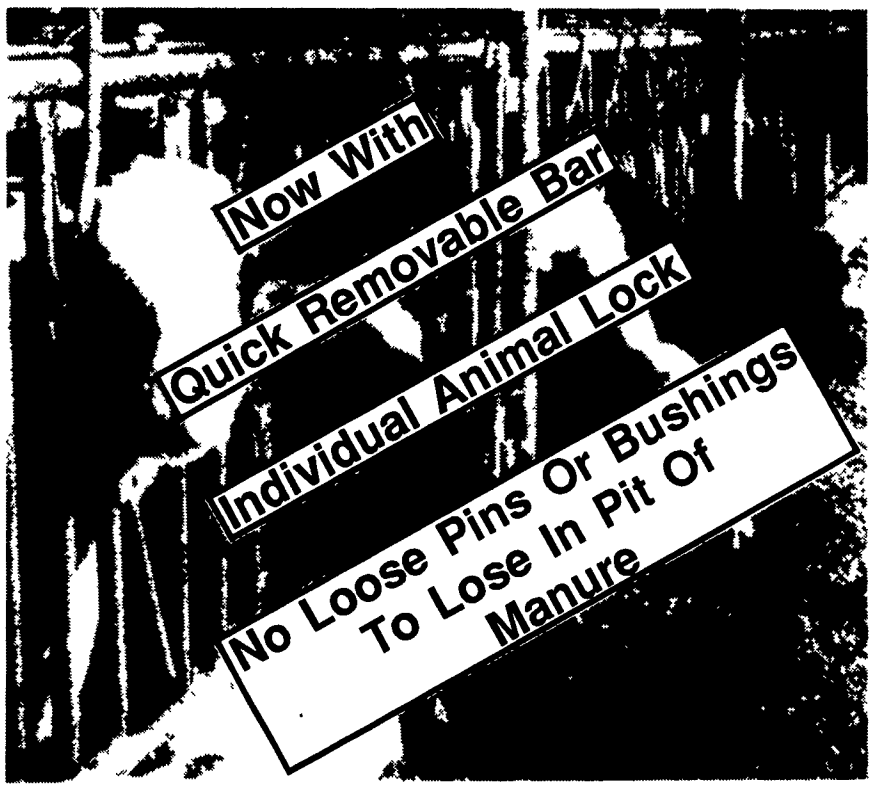
POWDER COATED STEEL BARN EQUIPMENT

HEADLOCKS



THREE SIZES AVAILABLE TO MEET ALL YOUR CATTLE HANDLING NEEDS

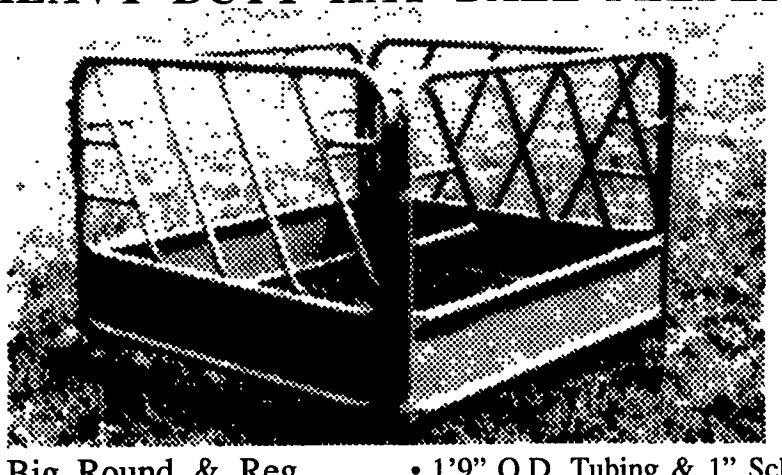
EXTRA HEAVY CONSTRUCTION FEATURES:

- 1.9" O.D. High Yield Tube Top & Bottom Frame
- 1" structural pipe on verticals & locks
- York stabilizer on large sizes
- All yokes lock on individual catches, no strain on control rod.
- Unique design allows more head room

EPOXY POWDER COATED LOOP STALLS

Stall Tubing 2⅜" Outside Diameter, 12 Gal.(.109) Wall Thickness, High Yield Steel

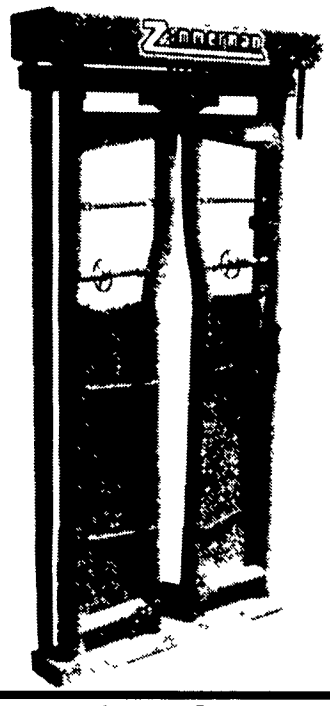
HEAVY DUTY HAY BALE FEEDER



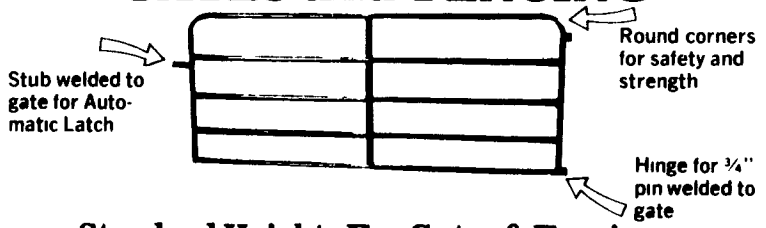
- Feed Big Round & Reg. Bales Or Stacks
- 1'9" O.D. Tubing & 1" Sch. 40 Pipe, All Welded Construction

AUTOMATIC HEADGATE

- Double Linkage For Extra Stability
- Fast, Easy Adjustment On Both Sides So Animal Size Can Be Adjusted Under Pressure
- No Wrenches Needed To Adjust Back Set Open
- Full Sheet Protection On Front



GATES and FENCING



Standard Heights For Gates & Fencing:
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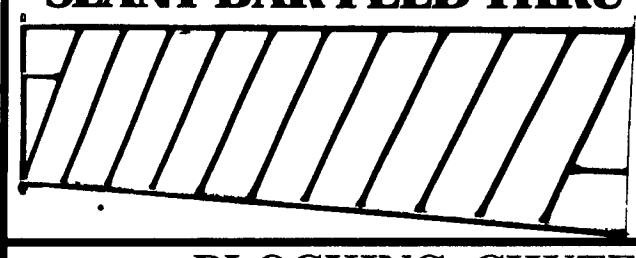
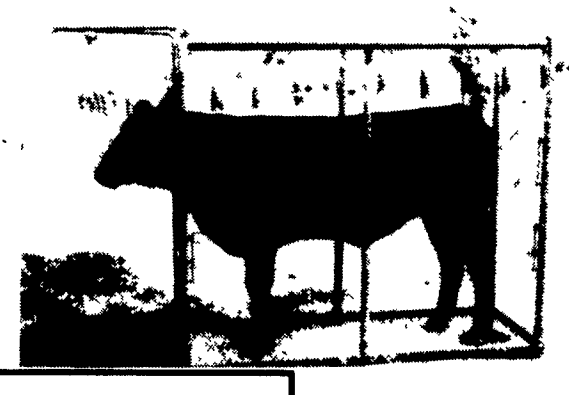
All Gates & Fencing Made Of 1.9" Outside Diameter High Yield Steel Tubing With 13 Ga. Wall

SLANT BAR FEED THRU FENCE



Custom Built To Any Length

BLOCKING CHUTE



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PFA Says Wetland Proposals Fail To Protect Landowners

HARRISBURG (Dauphin Co.) — Regulatory proposals to expand control of the state's wetlands by the Pennsylvania Department of Environmental Resources (DER) fail to protect the rights of private landowners, according to testimony presented here today by a spokesman for the Pennsylvania Farmers' Association (PFA). A series of hearings are being held on the proposed DER regulations.

Audrey Rodgers, owner and operator of a dairy farm in Mifflin County, told the Environmental Quality Board that "in our rush to correct what many perceive as 'past sins' relating to wetlands use, the rights of property owners must not be ignored or sacrificed."

She explained that farmers "are not opposed to protecting wetlands" because they understand the environment must be protected. "But farmers also know that they must use their land to its maximum economic potential if they want to remain in farming," she testified.

The proposed regulations have the potential to prevent farmers from farming, according to her testimony. Earlier in her testimony she said that farmers have found it impossible to clean ditches in their fields because they are now a " 'protected' resource." Another farmer needs an engineering study to build a farm pond, while others find it impossible to build farm ponds.

"Wetlands were altered for purposes that provided many benefits to society, including flood control, protection of public health, agricultural production, road construction and residential development," Rodgers stated. It's a rather recent development to recognize wetlands as a " 'public' resource to be protected."

She pointed to several concerns relating to the proposed regulations.

"The department's current and proposed regulations place many obligations on individuals submitting a permit application, but the department is under no obligation to render a timely permit decision," she stated. "Waiting a year or more for a permit decision" is unacceptable. "Clearly the permitting process must be accelerated."

"The department," according to Rodgers, "contends that it has the authority to regulate any activity in a wetland — no matter the size. Unlike the Corps of Engineers, DER has chosen not to utilize general permits to exempt minor projects from the permitting treadmill." She recommended that the department "should develop a minimum acreage standard for its regulations."

One of the proposed regulations [Sec. 105.15 (B) (2)] would require "an environmental assessment for those activities receiving a permit waiver," Rodgers stated. "Waived activities should be exempted from this assessment."

She testified that all "existing field drainage systems" should be accepted. Also farms with conservation plans, she testified, should be the only requirement for farms to satisfy regulatory demands of DER.

Permit waivers should be granted farmers for other important agricultural projects including construction and maintenance of farm ponds and drainage ditches or field drainage systems, and removal of water obstructions or encroachments to activate traditional farmland.

PFA is a general farm organization with 23,000-plus family members in Pennsylvania.

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BARN CLEANERS

Super Drive Power! **Super 500 barn cleaner**...for pulling up to 550 feet of chain
Super 750 barn cleaner...for pulling up to 700 feet of chain

SUPER 500 DRIVE: The Super 500 spur gear (not roller chain) drive unit handles up to 250 ft of chain with 2 H P up to 350 ft of chain with 3 H P and up to 550 ft of chain with a 5 H P motor

SUPER 750 DRIVE: The Super 750 drive unit with 7½ H P motor handles up to 700 ft of chain The main gear is cast from ductile iron to provide the extra strength required for cleaning large barns
Both units are packed with power and built to last

J-STAR BARN CLEANER CHAIN - Face The Facts

FICTION: The Stronger the Chain the Longer it will Last...

FACT 1. The life of barn cleaner chain is not directly affected by its tensile strength The strength of a new chain considerably exceeds the maximum pull of the drive unit For example, the pull of a J-Star model 750 drive unit - the heaviest and fastest drive on the market - is only 33% of the tensile strength of J-Star's hook link chain Enough said!!!

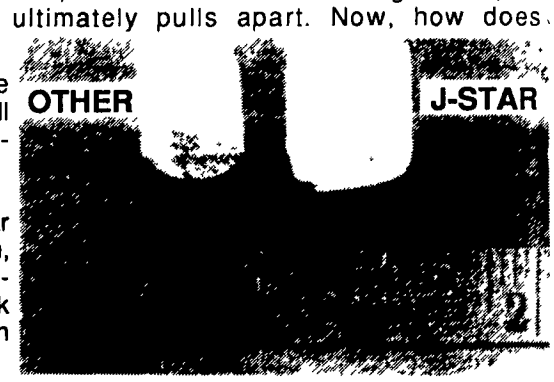
FICTION: All Hook Link Chain is Basically Alike...

FACT 2. The life of barn cleaner chain, for a given installation, is affected by its wear area and hardness. The greater the wear area, and/or the harder the wearing surface, the longer a link will wear before it ultimately pulls apart. Now, how does J-Star chain stack up?

* J-Star chain is hardened by the same process to the same hardness range as all competitive hook link chain — NO DIFFERENCE HERE!

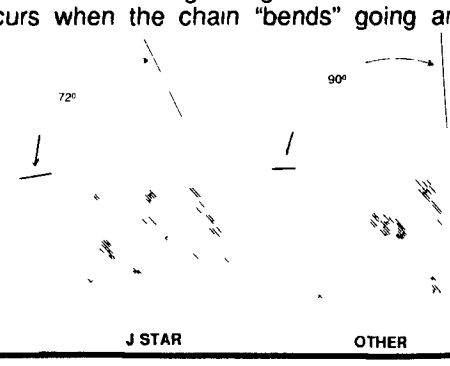
BUT...

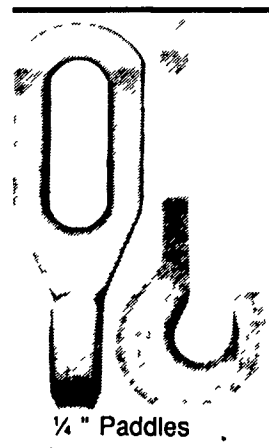
* The first point in a chain to fail from wear is usually the end of the eye. J-Star chain, as compared to the other brand for example, has 35% more area in the hook link eye. Note the graphic difference shown below.



FICTION: The Life of a Barn Cleaner Chain has Nothing to do with the Kind of Drive Unit Used With It...

FACT 3. A chain wears at the point where the links contact one another. The rate of wear for a given installation increases as the amount of "grinding" between hook and mating eye increases. This "grinding" occurs when the chain "bends" going around corners, such as corner wheels, reverse curves, hold-down shoes or wheels, and around drive sprockets. Most competitive barn cleaners are about equal in the degree to which they "bend" the chain going through most of these points. **HOWEVER** - hook link chain does "grind" less when it goes around the J-Star 5-tooth drive sprocket than when it goes around the other brand 4-tooth sprocket.





¼ " Paddles

All-forged Hook-Link® chain... available on Super 300 and Super 500 barn cleaners

Extra thick steel at all wear points

IMPORTANT: Look for the "parting line" on any barn cleaner chain you buy. It shows where excess metal has been trimmed off. It is your assurance that the link was totally forged, not just punched out of a flat steel bar with grain flow in one direction only.
You want a totally-forged link because forging changes the grain of the steel, causing it to curve in unbroken flow lines around the contours of the link, giving the link greater strength to serve you longer.

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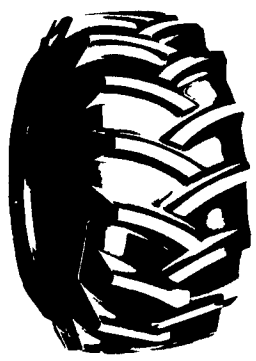
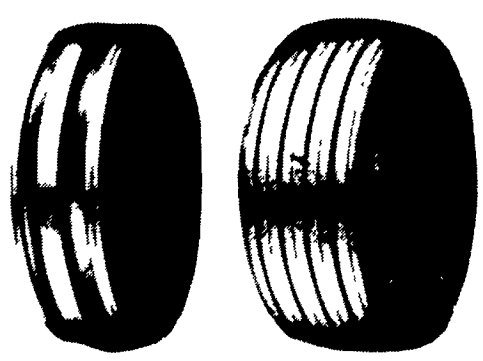


Rear Tractor Tires



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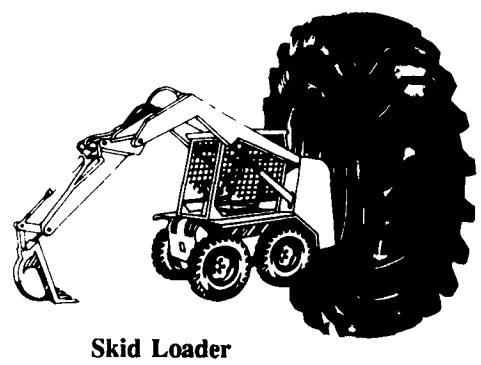

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Rough & Tumble Sends Invitation To Fourty-Second Event

KINZERS (Lancaster Co.) — It is that time of year again, time for the Thresherman's Reunion of the Rough and Tumble Engines Historical Association. This year on August 15th through the 18th we will hold our 42nd annual event. We are located 15 miles east of Lancaster on Route 30, Kinzers, Pa.

Steam trains and traction engines will be huffing- puffing, and their whistles blowing. Threshing machines, a saw mill and many other examples of early agricultural equipment will be on display and in operation. We also have several displays of large and small stationary, steam and gas engines.

This year's gathering of antique farm tractors will be bigger and better than ever, and we will be featuring "Massey-Harris." You can visit our museum buildings and enjoy our large collection of early home appliances, country store and hardware exhibit. We will also have a fine display of antique wagons and automobiles.

Rough and Tumble members have been working hard to make this year's show the best ever. Bring the family and spend a day touring our 33-acre museum ground. There is something of interest for everyone. Watch our afternoon "Parade of Power" and enjoy the evening attractions and lots of good food.

There is ample free parking and a modest admission fee of five dollars.

or green garden trimmings break down quickly compared to woody wastes and are less likely to compete with existing plants for nitrogen when they are turned into the soil. If woody wastes are used in the garden, they should be pulled aside when tilling or balanced with a high nitrogen source such as bloodmeal or use a nitrogen fertilizer when turning them under.

In commercial landscaping, the material most commonly used for mulching is hardwood bark. Chipped waste from tree pruning and removal operations can offer another alternative, if used properly. These materials may be easily obtainable at many locations. Wood chips make an excellent path and play area material, since they decompose slowly and soften the ground's surface.

Black plastic mulches, biodegradable mulches, and pine needles are useful in vegetable gardens.

Like anything else organic, mulches do have their drawbacks. Hay, pine needles, and straw can be potential fire hazards. Sawdust compacts very easily and may form a hard crust on the soil surface. Compost mulches can be a source of weed seeds.

So, the next time you have something that has no use, use it in the garden.

If you have a mulching suggestion, contact me at (717) 757-9657 and we'll share it with others.

Pasto Museum Celebrates Years Of Rural History

UNIVERSITY PARK (Centre Co.) — The Pasto Agricultural Museum, filled with farm and household items dating back to the 1840s, is celebrating over a century of agriculture at Penn State's 1990 Ag Progress Days, August 14-16.

Featured this year is the museum's "birthday buggy." Currently on display, this 'split hickory special' with double spring suspension and emerald green upholstery turned 100 years old on June 30.

Acquired in 1890 by 22-year-old Charles E. Stouff, the buggy was restored by an Amish buggymaker and later donated to the museum by Charles' son, J. Edward Stouff, class of 1925.

Visitors to the museum can see such prized equipment as the newly acquired foundation mill for honeycombs manufactured around 1880 and the folding, stand-up cross-cut saw used in the early 1890s.

"Nothing compares to the feeling you get when you are able to bring an item back to life," says Dr. Jerome K. Pasto, associate dean emeritus of the College of Agriculture and curator of the museum. "The joy of this museum is the visitors' ability to share this emotion as they browse, touch and test the artifacts."

Pasto and a number of guides will be available at Ag Progress Days to answer questions about the museum's collection of more than 280 rare and unusual antiques. Visitors have the opportunity to turn cranks and move the levers on these remnants of an age before the advent of electricity.

The collection began with a donation of historic hand tools by the late Dr. Russell Dickerson, formerly an associate dean of the College of Agriculture. Donors, including University alumni and friends from Pennsylvania and four other states, have added to the collection.

Contributions from the College of Agriculture Alumni Society funded the museum building, which opened for the first time during the 1978 Ag Progress Days.

Penn State's Ag Progress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Russell E. Larson Agricultural Research Center at Rock Springs, nine miles southwest of State College on Route 45, August 14-16. Hours are 9 a.m. to 5 p.m. Tuesday and Thursday, with extended hours of 9 a.m. to 8 p.m. on Wednesday. Admission and parking are free.

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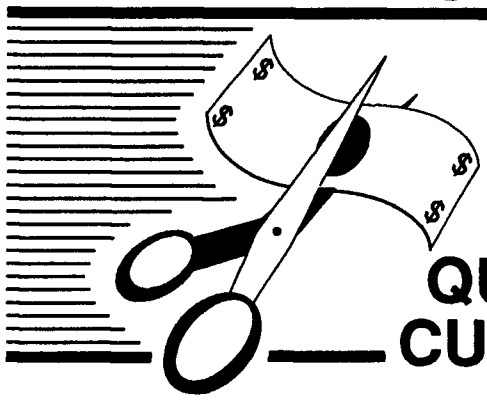

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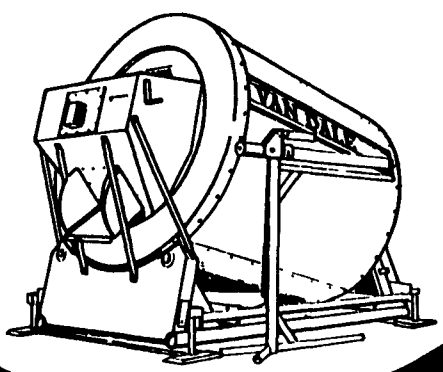

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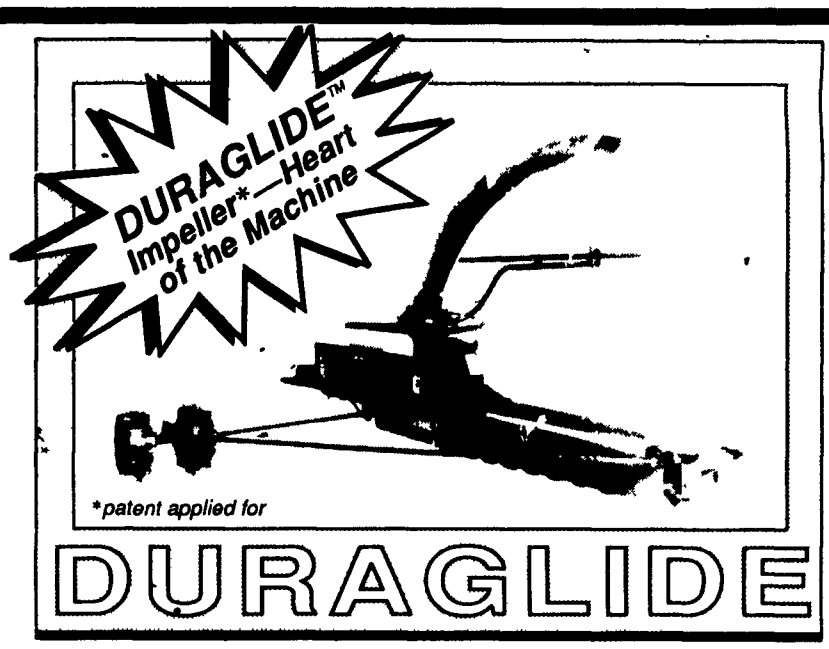

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VAN DALE

Ag Progress Days SPECIAL REPORT

AN OVERVIEW OF AG PROGRESS DAYS

Robert Anderson
Lancaster Co. Extension Agent

If you have not marked your calendar yet, set aside August 14, 15, and 16 as Pennsylvania's Ag Progress Days and plan to spend a day or two looking over all the activities planned.

If you work in the field of agriculture or are just interested in what farmers are doing, I would recommend attending Ag Progress Days, because it is an excellent family outing that will provide many hours of education and entertainment.

The three-day event attracts thousands of visitors from all over Pennsylvania and surrounding states. Some of the exhibitors will even be from other states or even nations. I always enjoy the out of state and out of nation exhibitions -- they bring our local agricultural industry in touch with what is happening around the country and around the world.

Whatever you would like to see or learn about in the field of agriculture, you can most likely find it at Ag Progress Days. If you enjoy looking at large farm equipment at other shows and dream of being able to buy it, imagine what it would be like to be able to see it working in the field.

At Ag Progress Days you will see all types of equipment being demonstrated. Soil preparation, crop planting, and crop harvesting are all part of the equipment demonstrations planned for the three-day event.

If talking about the new varieties of plants or new pesticides is of interest to you, most of the major seed companies and chemical companies will be at Ag Progress Days to show off their new varieties or talk about new products and the proper use of older pesticides. More than 250 commercial exhibitors will be showing off their products.

If you have questions about agriculture, bring them along and spend some time in the educational exhibits areas. Extension specialists will be on hand to answer your questions.

This year's theme, "Food and Environmental Quality: Preparing for the 21st Century," fits many of the major concerns of the day.

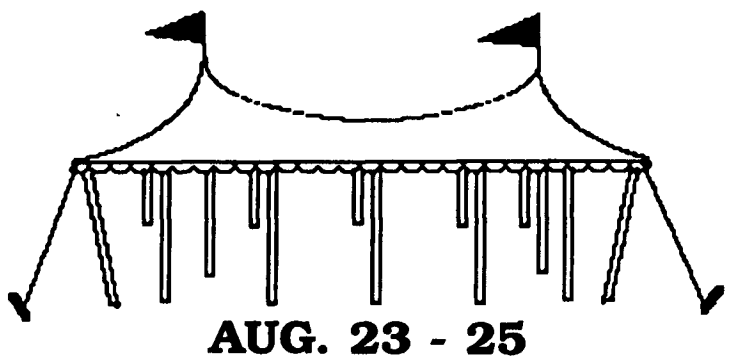
Everywhere you go people are talking about food safety, pesticide residues, and water quality. The college of agriculture will be addressing these and other concerns at a number of exhibits during the three days.

If you wonder what type of research is being done at Penn State, plan to take one of the tours to see and hear about the research being done by the faculty. Much of the research at the Rock Springs farm deals with the major concerns of the day and will be of interest to all.

One of the research projects that I am interested in is being done by Dr. Gregg Roth, extension corn specialist at Penn State. Dr. Roth is looking at the feeding quality of corn silage as it relates to corn varieties, plant populations, and the stay-green characteristic being bred into many corn varieties. In the future, Roth's work may help livestock feeders do a better job of feeding livestock by selecting a corn hybrid.

If you're like me, and eating is one of those habits you wish you didn't have but you haven't broken yet, there is a wide variety of foods to choose from. I've been going to Ag Progress Days since 1974 and have never come away hungry.

TENT SALE



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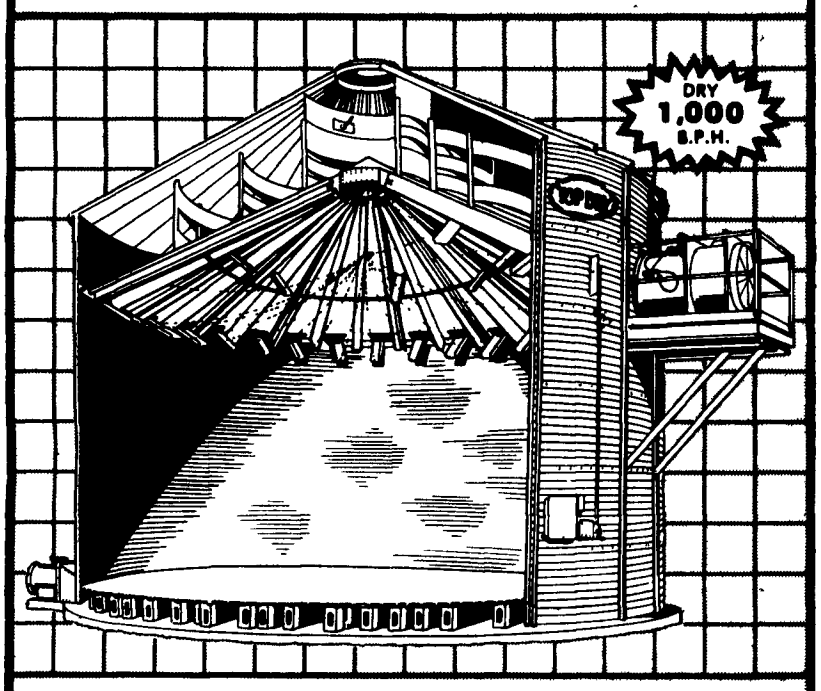

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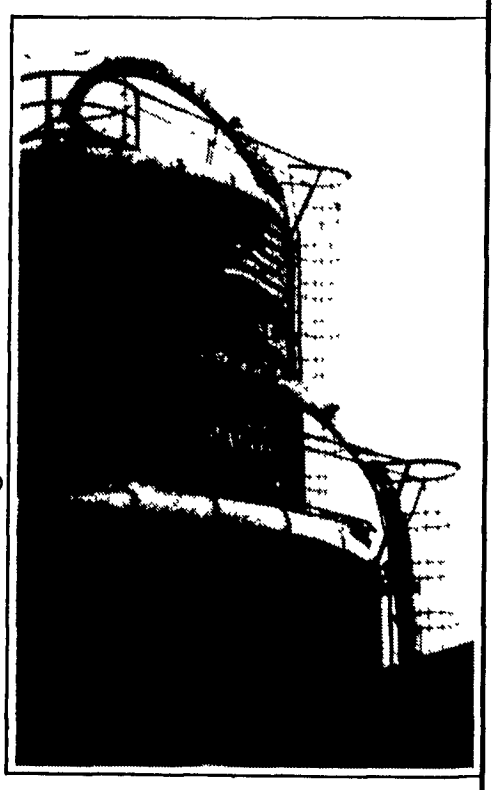

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Sheiss Steers Are Champs

BONNIE BRECHBILL
Franklin Co. Correspondent

SHIPPENSBURG (Franklin Co.) — David Sheiss of Chambersburg led his 1,160-pound heavyweight steer to victory July 23 at the Open and Junior Market Steer Show, held at the Shippensburg Fairgrounds.

Reserve grand champion of the open and 4-H shows was a 1,210-pound steer owned by Heather Fuls of Cumberland County.

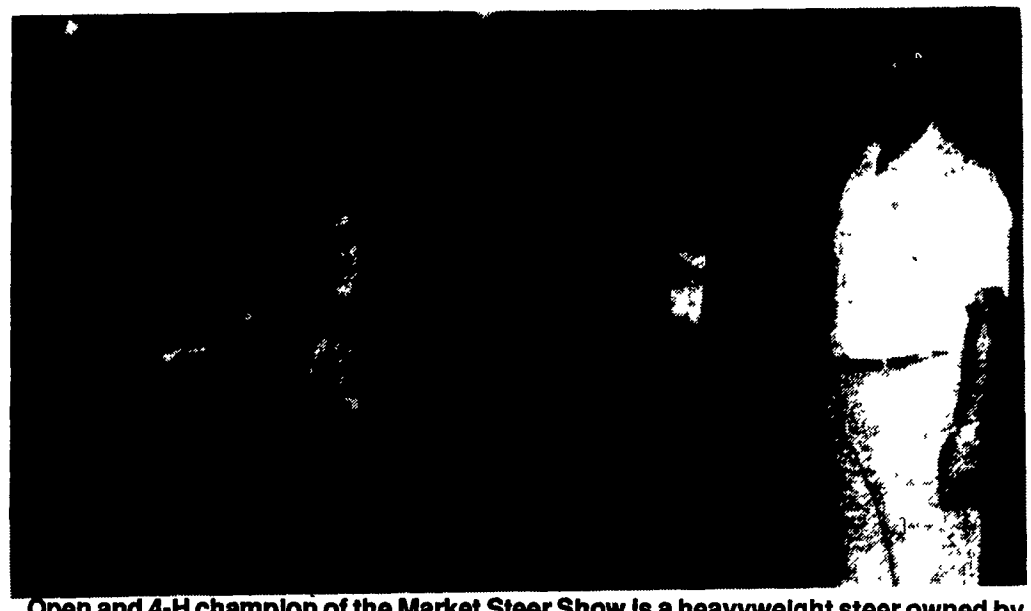
Both steers were bred by S & S Cattle Company, Chambersburg, owned by the Sheiss brothers.

The grand champion award in the FFA division of the show went to Troy Waggoner, Carlisle, for his 1,325-pound steer. Renny Gutshall, Newville, took home reserve grand champion honors for his 1,180-pound steer.

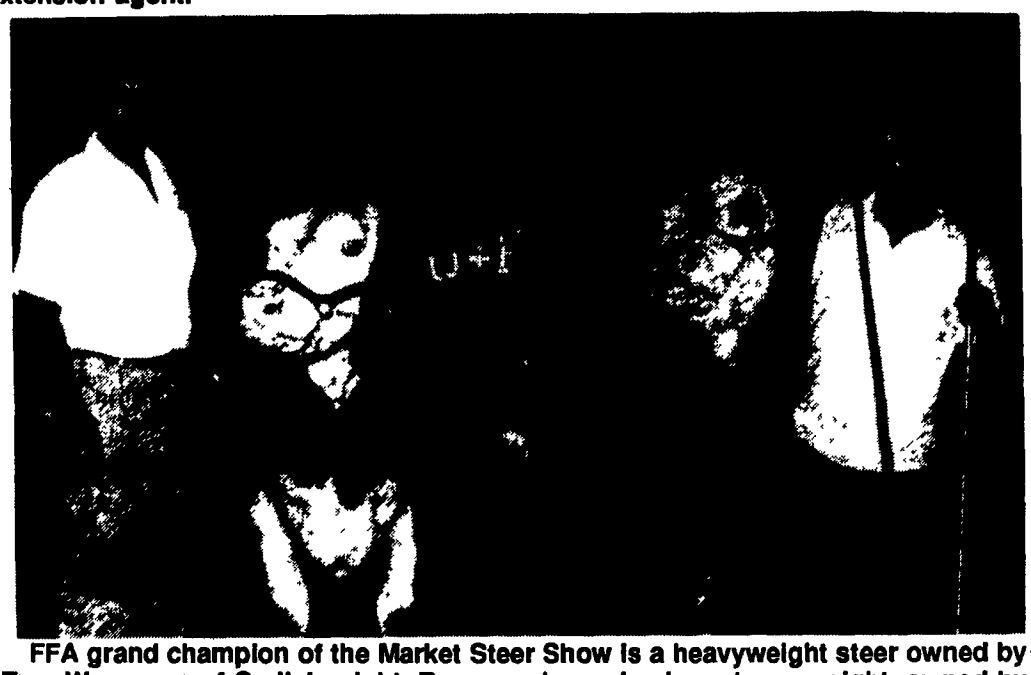
Eric Sheiss, Chambersburg, was named champion showman of the event.

Judge for the show was Ken Winebark, Lebanon County extension agent.

Open 910 Lbs.
Lightweight I Reserve Champion
Heather Fuls
4-H 910 Lbs.
Lightweight I Reserve Champion
Heather Fuls
FFA 915 Lbs.
Lightweight I FFA Champion
Jeffrey Swank
FFA 980 Lbs.
Lightweight II Reserve Champion
Tony Waggoner
Open 990 Lbs.
Lightweight II Champion
Darren Meyers
4-H 990 Lbs.
Lightweight II Champion
Darren Meyers
Open 1,015 Lbs.
Medium Weight Champion
Lorinda Hawbaker
4-H 1,015 Lbs.
Medium Weight Champion
Lorinda Hawbaker
Open 1,075 Lbs.
Medium Weight Reserve Champion
Eric Berkheimer
4-H 1,075 Lbs.
Medium Weight Reserve Champion
Eric Berkheimer
FFA 1,065 Lbs.
Medium Weight Reserve Champion
Dee Curtis
FFA 1,125 Lbs.
Medium Weight Champion
Kim Hopple
Open 1,160 Lbs.
Heavyweight I Champion
David Sheiss
4-H 1,160 Lbs.
Heavyweight I Champion
David Sheiss
FFA 1,180 Lbs.
Heavyweight II Reserve Champion
Renny Gutshall
Open 1,210 Lbs.
Heavyweight II Reserve Champion
Heather Fuls
4-H 1,210 Lbs.
Heavyweight II Reserve Champion
Heather Fuls
FFA 1,325 Lbs.
Heavyweight II Champion
Troy Waggoner
4-H 1,130 Lbs.
Senior Champion Showman
Eric Sheiss
Grand Champion
David Sheiss
Reserve Grand Champion
Heather Fuls
Grand Champion FFA
Troy Waggoner



Open and 4-H champion of the Market Steer Show is a heavyweight steer owned by David Sheiss, Chambersburg, center. Reserve champ is a heavyweight owned by Heather Fuls of Shippensburg. At right is Judge Ken Winebark, Lebanon County extension agent.



FFA grand champion of the Market Steer Show is a heavyweight steer owned by Troy Waggoner of Carlisle, right. Reserve champ is also a heavyweight, owned by Renny Gutshall of Newville. At left is Judge Ken Winebark, Lebanon County extension agent.

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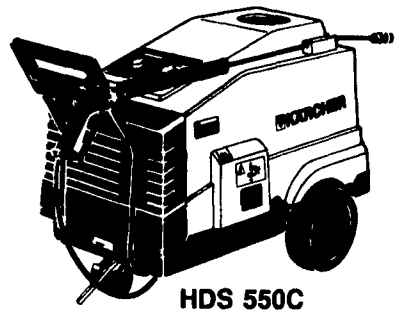

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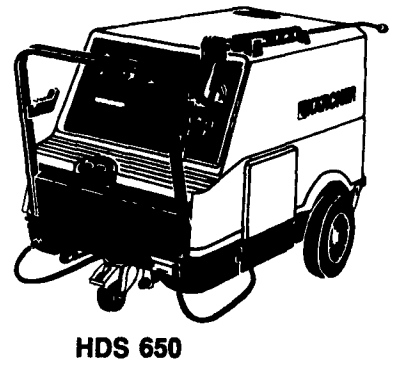

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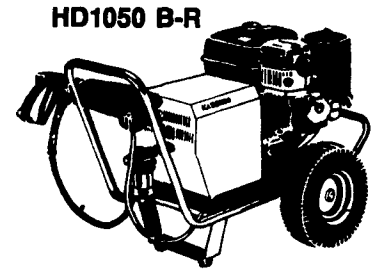
HD1050 B-R



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Large crowds visit the commercial exhibits at Ag Progress Days. This year the program hours have been extended to include Wednesday evening

Field Machinery Demonstrations Featured

UNIVERSITY PARK (Centre Co.) — Both traditional and first-time field demonstrations have been planned for the 1990 Penn State Ag Progress Days. Featured this year will be mowing, pesticide application, conservation planting and hay crop silage chopping, bagging, baling and wrapping.

"Purchasing field machinery is one of the most costly and important management decisions that a producer must make," said James Garthe, instructor of agricultural engineering. "Our demonstrations allow visitors to see first hand what each machine is capable of and to compare products under the same field conditions."

Penn State faculty and staff will describe machinery operations and principles before it is demonstrated.

This year's mowing demonstration will feature both alfalfa and sorghum-sudangrass, which will be used to demonstrate various hay crop silage equipment.

During chopping demonstrations, exhibitors will be asked to stop after the first windrow pass so the audience can inspect machine performance more closely. After being cut, the crop will be transferred to a stationary bagging site. Baling and wrapping demonstrations will also include round bale handling equipment.

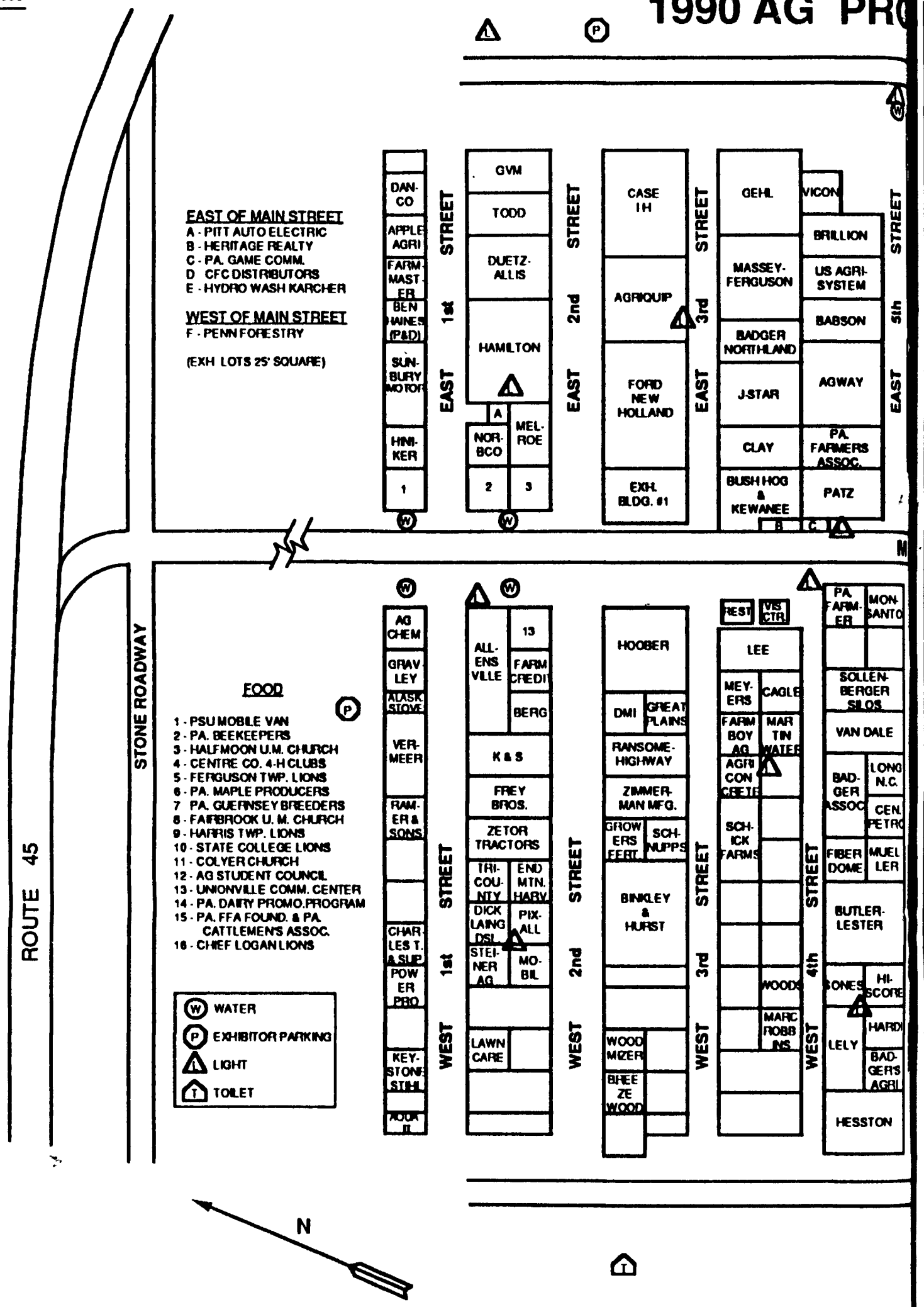
(Turn to Page E25)

1990 Ag Progress Days Event Schedule

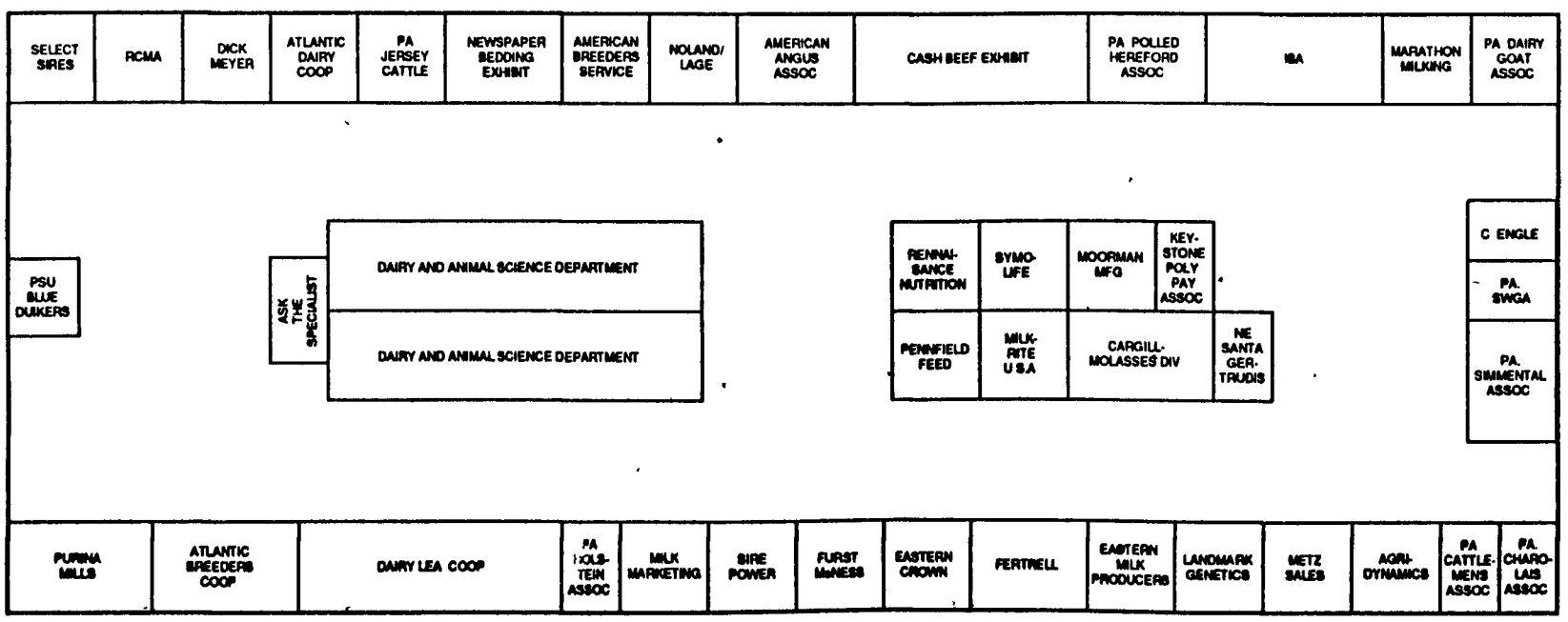
9:00 **Ag Progress Days exhibits open**
Special Program- College Exhibits Building Theater *(Tuesday & Thursday).*
9:45 **PENpages Demonstration-** Youth Building
10:00 **Macintosh Computer Class-** Youth Building
Sci-Q Game Show- College Exhibits Building Theater
Machinery Demonstration- Mowing *(See map for location)*
General Research Tour leaves from the corn crib
Integrated Crop Management Research Tour leaves from the corn crib *(Tuesday)*
Water Quality Research Tour leaves from corn crib *(Wednesday)*
Disease and Insect Control Research Tour leaves from the corn crib *(Thursday)*
Cutting & Selecting Lean Cuts of Pork- Meating Place *(Tuesday)*
Buying & Selecting Lean Cuts of Beef- Meating Place *(Wednesday)*
Selecting Inexpensive Lean Cuts of Veal- Meating Place *(Thursday)*
Lung Protection Demonstration- College Exhibits Building
Forestry and Wildlife Tour leaves from the Conservation Tent
Wetlands and Stream Crossing Tour leaves from the Conservation Tent
Do-It-Yourself Conservation Tour leaves from the Conservation Tent
10:20 **General Research Tour** leaves from the corn crib
10:30 **PENpages Demonstration-** Youth Building
10:40 **General Research Tour** leaves from the corn crib
10:45 **Macintosh Computer Class** Youth Building
11:00 **Sci-Q Game Show-** College Exhibits Building Theater
Lung Protection Demonstration- College Exhibits Building
General Research Tour leaves from the corn crib
Machinery Demonstration- Pesticide Application *(See map for location)*
Shredding Newspaper for Animal Bedding- Dairy & Livestock Tent
Safe Handling of Meat- Meating Place *(Tue.-* Pork; *Wed.-* Beef; *Thur.-* Veal)
Forestry and Timber Management Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
Grazing Management- Conservation Tent
Plant Materials- Conservation Tent
11:15 **PENpages Demonstration-** Youth Building
11:20 **General Research Tour** leaves from the corn crib
11:30 **Macintosh Computer Class-** Youth Building
Low-Fat Cooking: Grilling- Meating Place *(Tue.-* Pork; *Wed.-* Beef; *Thur.-* Veal)
Conservation Tillage- Conservation Tent
11:40 **General Research Tour** leaves from the corn crib
12:00 **General Research Tour** leaves from the corn crib
Forestry and Wildlife Tour leaves from the Conservation Tent
PENpages Demonstration- Youth Building
Lung Protection Demonstration- College Exhibits Building
General Conservation Tour leaves from the Conservation Tent
Integrated Crop Management Discussion- Conservation Tent
12:15 **Macintosh Computer Class-** Youth Building
12:20 **General Research Tour** leaves from the corn crib
12:30 **Farm Bill Conservation Compliance Program-** Conservation Tent
Low-Fat Cooking: Microwaving- Meating Place *(Tue.-* Pork; *Wed.-* Beef; *Thur.-* Veal)
12:40 **General Research Tour** leaves from the corn crib
12:45 **PENpages Demonstration-** Youth Building
1:00 **Macintosh Computer Class-** Youth Building
Sci-Q Game Show- College Exhibits Building Theater
Lung Protection Demonstration- College Exhibits Building
Ice Cream Churnoff- PA Dairy Promotion Program Tent *(Wednesday)*
General Research Tour leaves from the corn crib
Machinery Demonstration- Conservation Planting *(See map for location)*
Cropland Terrace Construction- *(Machinery Demonstration site)*
Forestry and Wildlife Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
1:20 **General Research Tour** leaves from the corn crib
1:30 **PENpages Demonstration-** Youth Building
Low-Fat Cooking: Grilling- Meating Place *(Tue.-* Pork; *Wed.-* Beef; *Thur.-* Veal).
1:40 **General Research Tour** leaves from the corn crib
1:45 **Macintosh Computer Class-** Youth Building
Integrated Crop Management Research Tour leaves from the corn crib *(Tuesday)*
Water Quality Research Tour leaves from corn crib *(Wednesday)*
Disease and Insect Control Research Tour leaves from the corn crib *(Thursday)*
2:00 **Sci-Q Game Show-** College Exhibits Building Theater
Shredding Newspaper for Animal Bedding- Dairy & Livestock Tent
Lung Protection Demonstration- College Exhibits Building
General Research Tour leaves from the corn crib
Wetlands and Stream Crossing Tour leaves from the Conservation Tent
Forestry and Timber Management Tour leaves from the Conservation Tent
Integrated Crop Management Discussion- Conservation Tent
Machinery Demonstration- Hay Crop Silage Chopping & Bagging *(See map)*
2:15 **PENpages Demonstration-** Youth Building
2:20 **General Research Tour** leaves from the corn crib
2:30 **Macintosh Computer Glass-** Youth Building
Low-Fat Cooking: Microwaving- Meating Place *(Tue.-* Pork; *Wed.-* Beef; *Thur.-* Veal)
General Conservation Tour leaves from the Conservation Tent
Crop Residue Management- Conservation Tent
2:40 **General Research Tour** leaves from the corn crib

(Turn to Page E24)

1990 AG PRO



DAIRY AND LIVESTOCK TENT



WEST 12th STREET

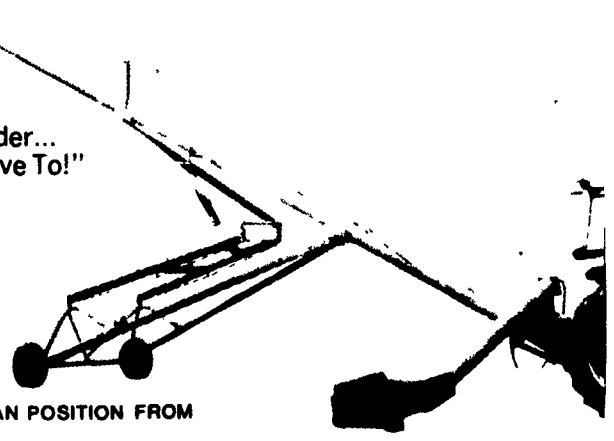
Mayrath INDUSTRIES, INC

Swing Away

Designed and built for longer lasting performance

CAPACITIES UP TO: *3200 Bushels/hr for 8" Auger
*5600 Bushels/hr for 10" Auger
*Capacities will be reduced for high moisture grain

"Working Harder...
So You Won't Have To!"



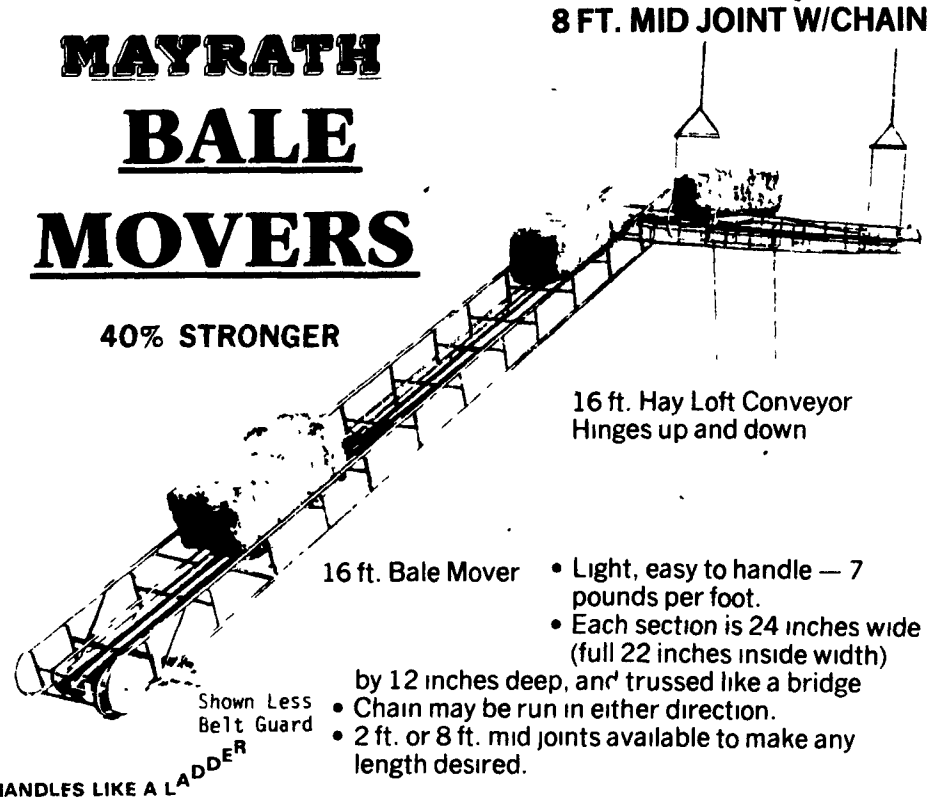
- ONE PERSON CAN POSITION FROM TRACTOR SEAT
- HYDRAULIC LIFT POSITIONS AUGER MUCH FASTER THAN TIME CONSUMING HAND CRANKING
- DIRECT DRIVE ELIMINATES MANY WEAR POINTS
- EXTRA VALUE --- CLEANER GRAIN! CORN SCREENS ARE AVAILABLE ON ALL SWING AWAY MODELS

"Quality Conveying Equipment For Over 30 Years"

MAYRATH BALE MOVERS

8 FT. MID JOINT W/CHAIN

40% STRONGER



16 ft. Hay Loft Conveyor
Hinges up and down

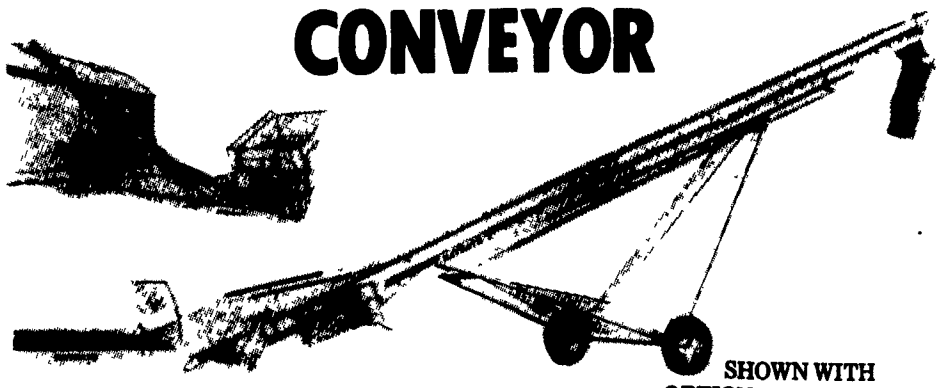
16 ft. Bale Mover

- Light, easy to handle — 7 pounds per foot.
- Each section is 24 inches wide (full 22 inches inside width) by 12 inches deep, and trussed like a bridge
- Chain may be run in either direction.
- 2 ft. or 8 ft. mid joints available to make any length desired.

Shown Less Belt Guard

HANDLES LIKE A LADDER

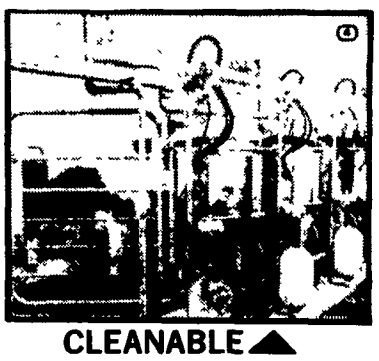
ALL PURPOSE DOUBLE CHAIN CONVEYOR



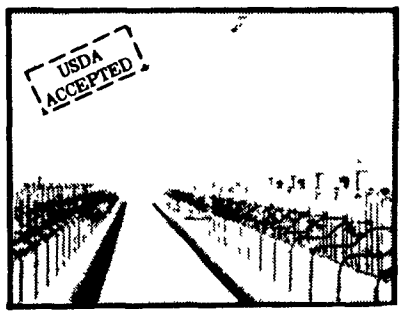
SHOWN WITH OPTIONAL EQUIPMENT

GLASBORD®

ELIMINATES THE EPOXY AND OTHER YEARLY COSTLY MAINTENANCE TO WALLS AND CEILINGS FOR FARM BUILDINGS



CLEANABLE ▲



DURABLE ▲

FIBERGLASS REINFORCED PLASTIC PANELS & ROLLS

- **GLASBORD® IS TOUGH**
  - **-ACID SCRATCH AND ABRASION RESISTANT**
- **GLASBORD® INSTALLS EASILY**

MILKING PARLORS, HOLDING ROOMS, OFFICES, SLAUGHTER HOUSES

- **GLASBORD® RESISTS DIRT**
- **WILL NOT STAIN, CORRODE**
- **RESISTS ANIMAL WASTES**
- **CLEANS WITH ORDINARY METHODS**

IN STOCK - AVAILABLE NOW

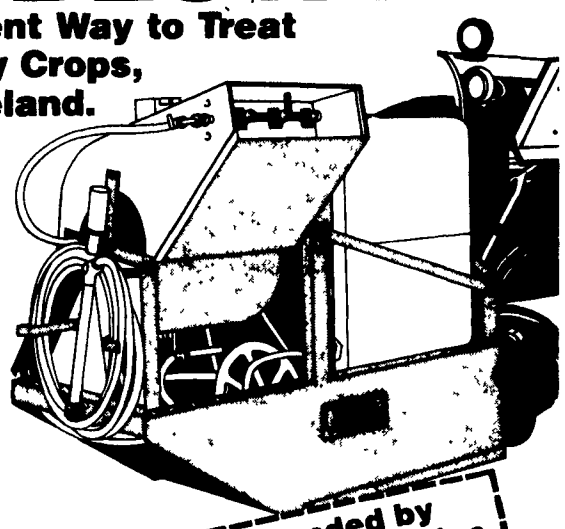
3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

ALL CORNER MOLDING AND FASTENERS

VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

Automatic MIST BLOWER

The Fast, Efficient Way to Treat Livestock, Spray Crops, Pastures, Rangeland.



Cover 120 acres per hour, treat entire herds of livestock in minutes with Automatic. Save chemical, because high pressure pump and nozzles break down chemical into finer droplets, centrifugal blower creates high speed cloud of chemical that wets thoroughly with less active ingredient. Save fuel too, because you cover a 100-foot swath on each pass. Choice of 20 or 50 gallon tanks. Skid units available for use in truck or on trailer, gas engine powered with up to 200-gallon tank and remote controls.

Recommended by Leading Universities, State and Federal Agencies.

Automatic

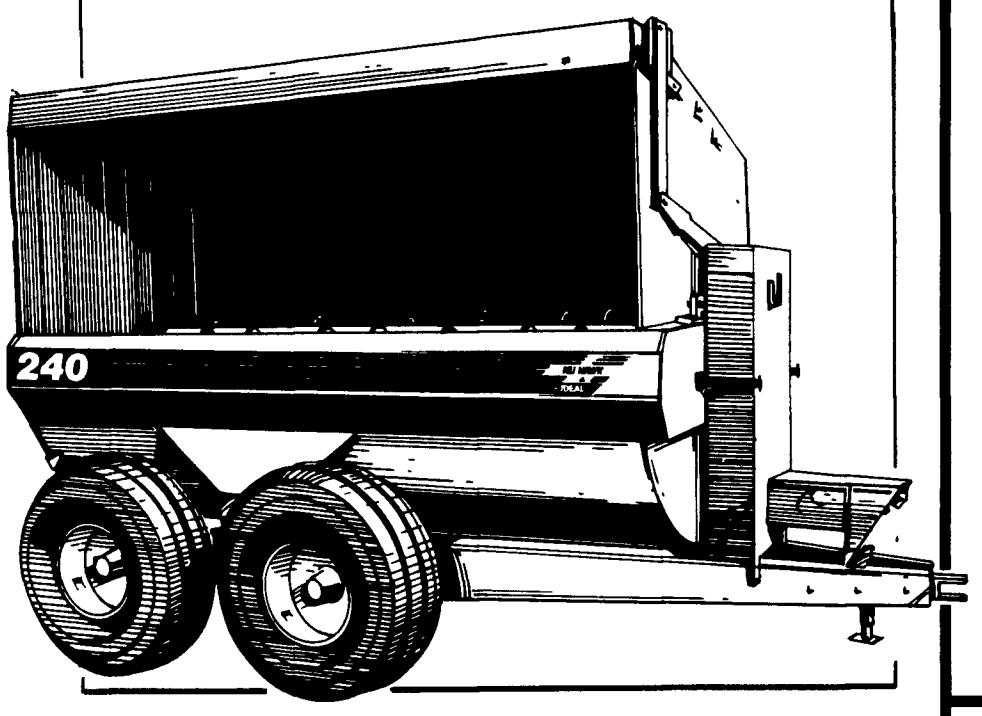
See Us At AG PROGRESS DAYS - Aug. 14 to 16
★ At Our NEW LOCATION: WEST 6TH STREET! ★

AG PROGRESS DAYS
Aug. 14-16
West 6th St.

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

SPREAD's THE WORD



Spread's the word at Ideal Industries with a line of manure spreaders that are big on performance - but easy on your budget! Ideal's Nu Hawk flail tank spreaders offer a more efficient, less expensive solution to all your manure spreader needs. And Nu Hawk spreaders are competitively priced to provide a more economical way to fertilize and build up the organic matter in your soil.

Built to meet your complete loading and spreading requirements, Nu Hawk spreaders provide a variety of features and options for consistent year round spreading of all types of manure.

All Nu Hawk models offer either right or left side discharge and a straight or folding rear panel to clear low barn cleaners. As well, Nu Hawk's tractor controlled hydraulic lid openers and copper bearing steel lids and tanks resist damaging corrosive manure acids.

For more information on Ideal's new line of Nu Hawk flail tank spreaders, see your local Nu Hawk dealer.

NU HAWK® by IDEAL

Shreds Stalks Y t W

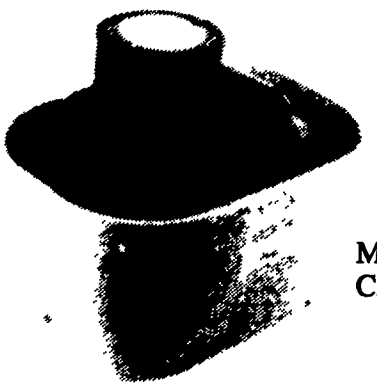
The perfect tool for dge

The rst ha
seed . Uniqu
at fa speed
in th spring.

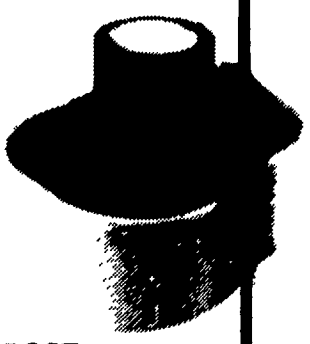
"I believe th rrow
works as go as a
stalk shredd t lifts
and shatters stalks
and yet does tear up
the ground."
Roger Bomm
Brookville, I

Ritchie® WATER RO™

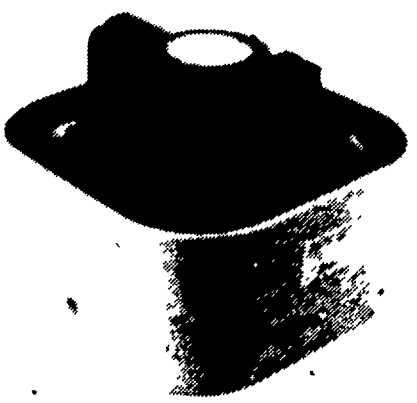
ENERGY FRE!



MODEL C2
CATTLE 2 DRINK



MODEL S2
MULTI-PURPOSE
2 DRINK



MODEL C4
CATTLE 4 DRINK

Patent No 4739727

See These And Other Fine Products At Our Display At

AG PROGRESS DAYS, AUG. 14-16

NEW LOCATION: WEST 6th Street

We Look Forward To Seeing You!

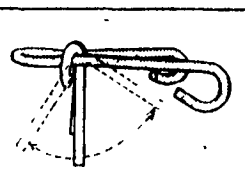
R

Y t Won't Plug Up!

r dge and minimum till

The rst harrow cleans ridge tops, creating excellent eed . Unique "Spreading Action"® tines hug the soil t fa speeds to shred and evenly spread no-till stalks n th pring.

ve th rrow as go as a ıredd t lifts atters stalks does tear up und."
Bomm lle, I



Free swinging tines
Fuerst's free swinging "Spreading Action"® tines make it the ONLY harrow that can effectively incorporate *and* shed trash

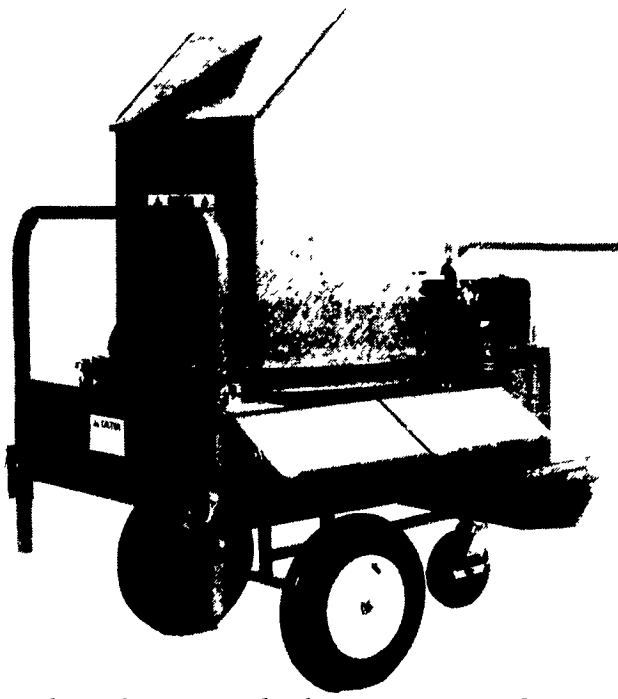
Dozens of uses:

The harrow used behind a disc or cultivator, incorporates herbicides in one pass. Used alone, it covers broadcasted seed, renovates, maintains pastures and more.

The harrow/cart (an optional harrow carrier as shown) follows tight turns, has folding wings for easy transport. Harrow and cart are available in 16 to 42 ft. widths.

Tie Barn/Free Stall Bedding Chopper

Covers Stall Floors the Quick, Easy Way



Goosen-Exclusive Safety Lid.

Goosen's Easy-To-Reach Grate Adjustment

Reliable Honda Engine

Shreds recycled paper easily — without even stopping to change blades!

- The Goossen-Bedding Chopper makes it easy to cover your stall floors with a uniform layer of finely chopped bedding materials.
- Depth of cut is adjustable "on the go" to match the varying toughness due to material density
- Goossen-exclusive knife design eliminates the need to stop and change blades to shred paper.

Goossen

RO™

FREE!

FEATURES

- Patented pulley/cable drink closure:
  — drink closures require little effort to actuate. EASY FOR SMALL LIVESTOCK TO DRINK.
  — allows water level to be set for different operations
  — keeps freezing air out if water level drops unexpectedly
- Closure keeps water cool and palatable in extreme hot weather for better livestock gains and milk production. Prevents algae from forming, keeps water cleaner.
- Valve
  — anti-siphoning
  — instant-on — 18 GPM
- Insulation value: R-27
- Rounded edges for livestock protection
- Recessed drain holes for easy cleaning
- Easy installation
- Uses no electricity
- Eliminates heating elements and utility bills

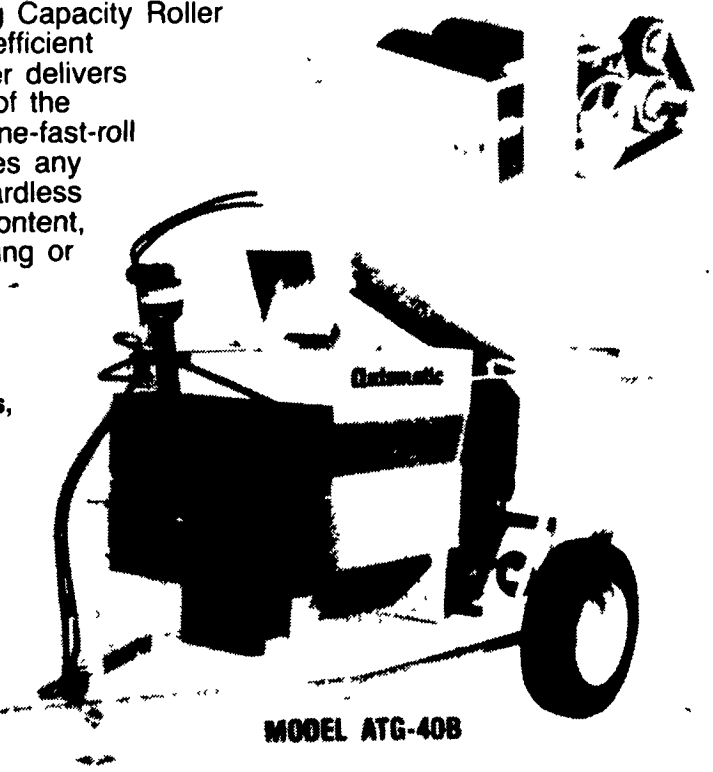
Ritchie

A minimum of 10 head keeps water to your animals in sub-zero temperatures

BIG BLOWER

UP TO 3600 BU./HR. PROCESSED AND DELIVERED TO THE SILO TOP

You get more feed processed with less horsepower with Automatic Big Capacity Roller Mill and the efficient 40-inch blower delivers it to the top of the tallest silo. One-fast-roll design handles any material, regardless of moisture content, without clogging or packing.



MODEL ATG-40B

Automatic Roller Mills for Beef, Hogs, Dairy, Poultry.

AVAILABLE IN MODELS TO PROCESS 2400 or 3600 BU./HR.

Automatic Equipment Mfg. Co., Pender, Nebraska 68047

Automatic

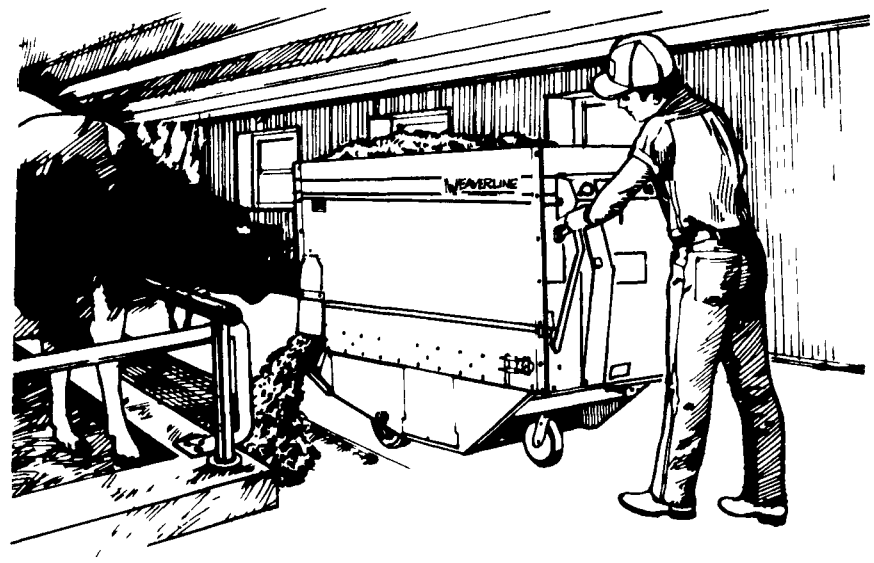
RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

Breakfast In The Fast Lane

Cows Wake Up Hungry... Feed Them Fast With A

WEAVERLINE



Weaverline Carts. . .

1. Save Feeding Time

- 6 Speed Unloading
- 30 Bushel Per Minute In Top Speed
- Hydrostatic Self-Propelled Drive
- Fast Transport Speed

2. Good Feeding

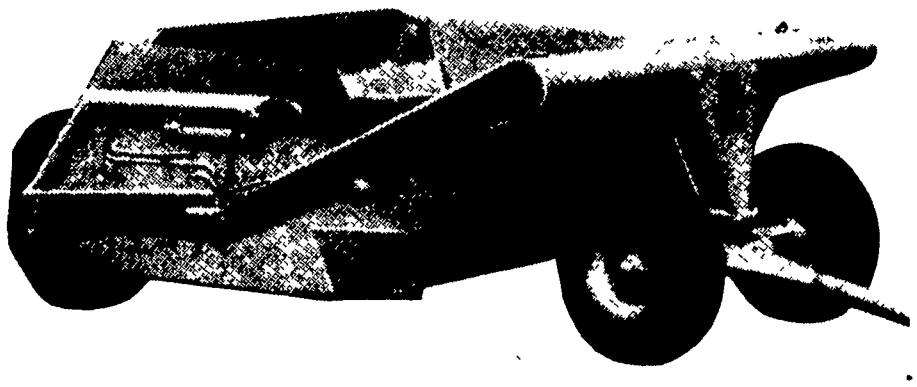
- Amazing Control From 1st Cow To The Last
- You Can Vary The Amount To Each Cow
- Discharge Door Prevents Spill While In Transport
- You Can Observe & Adjust To Each Cow's Appetite & Need

3. A Reliable Cart

- 24 Years of Satisfied Weaverline Cart Users
- Designed, Tested & Built for Long Life
- Handy, Dependable, Long Life Battery Power
- Choice Of Stainless Steel Or Painted Metal

SEE THE WEAVERLINE CART AT THE RYDER SUPPLY DISPLAY-W. 6th St.

DO IT YOURSELF WITH A SOILMOVER



Automatic ✧ SOILMOVER

SCRAPE IT

With your tractor and a Soilmover, you can keep feedlots cleaner, handle manure easier . . . even build a complete run-off system or manure-handling facility.

LEVEL IT

The cheapest land you can buy is the land you save by eliminating low spots. There's a Soilmover with precision cut and controlled spread for best results. Laser capability provides pin-point accuracy. Soilmover makes your land its level best.

DAM IT

Create a dam as part of a run-off control program. Build or repair terraces and do it all with your tractor and a Soilmover. No one offers a more complete line of farm-size scrapers. Soilmover — the Problem Solvers.

See Us At AG PROGRESS DAYS - Aug. 14 to 16
★ At Our NEW LOCATION: WEST 6TH STREET! ★

AG PROGRESS DAYS
Aug. 14-16
West 6th St.

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

GRESS DAYS EXHIBITION AREA

STONE ROADWAY

KALB-IZER | JAQUES | DOEBLER'S
WAY | PIONEER | NORTHRUP-KING
INC+ | SEEDWAY | SERVOS
HYTEST | HOFFMAN
MARK | WETSEL | CARGILL
BEACHLEY-HARDY | MUNCY-CHIEF
WHITE W IDEA
4 | MORTON
PARS | POWER SYS. ELEC.
BEAVER FENCE
D | E | RICH MAC SYS.
HOME BASED BUSINESSES TENT
5 | 6 | 7
8 | 9
10 | 11
12
PASTO AG MUSEUM
BARN
INFO
BOARD BUS FOR GENERAL TOUR
CORN CRIB AND SPECIAL TOUR

6th STREET | 7th STREET | 8th STREET | 9th STREET | EAST

IN STREET

PA. REA | FMC | EXH TENT #1 | EXH TENT #2 | EXH TENT #3 | EXH TENT #4 | COM MOD ITIES TENT | 14
PENN JERSEY PRODUCTS
NA-CHURS
EM HERR
JOHN DEERE
MUMMAU'S TIRE
ENDLESS MTNS. EQUIP.
TRANS EQUIP
WEN-GERS
CANNS-BILCO | UNIVER-FERTH | GRO-MOR | TICO | RYDER SUPPLY | KRONE & NIEMEYER | JONES & AUKER | EMM | ALBERTA AG-IND.
STOLT ZFUS SPREAD
IMPERIAL CALUMET
HOS-TET-LER
BRUNK
KIWI FENCE | J.S. WOODHOUSE | M.H. EBY | H & S
WIL RICH TAYLOR PITT.
CUMMINGS & BRICKER
MC CONN ELL | MORITZ TRAILERS | FARM BAG
MAR-TINO
15 | 16 | EXH BLDG #2 LIONS 14G | LAND LAWN & GAR
YOUNG PEOPLE TENT
YOUTH BLDG
FEED-MOBILE | TILSON | GOSS ETT | S. I. DIST. | BE-LAR-US | NORTH WEST TILL. | ATLANTIC BLDG
UNITED FARM TOOLS
MET-KO | J & D | N-TECH | HAN-SON SILO | AG PRO DUCTS
AN WEL | AN WEL
AG EXHI-BITS BLDG
AGRI KING | ALT. ENG SYS.
PAUL B ZIMMERMAN
SYRI CON PRECAST
SWANTAK
LANC LEVEL ELO
CROPS & SOILS TENT | REST | RAT-ION MAKER
WEST FALM | F | FALCO LIVE
FICKES | SUK UP
HELME TOBACCO
CANADIAN EMBASSY-TRADE OFFICE
CONSER VATION EDUCATION
H.Q. 1st AID HOUSE
AG SPECIAL EVENTS' BLDG.
ALFA LAVAL | YOUNGS | PHILA TURF | SHI-RINS GMC
CANADIAN EMBASSY-TRADE OFFICE
Pump house #2
DAIRY & LIVE STOCK TENT

STREET | WEST | 12th STREET

STONE ROADWAY

BOARD BUS FOR SOIL & WATER CONSERVATION TOUR AND FORESTRY & WILDLIFE TOUR

SILAGE BAGGING

MACHINERY DEMONSTRATION PARKING

SINKHOLE

EXHIBITS BUILDING AND TENTS

STREET

EXHIBITS BUILDING #1

EAST 2nd STREET | EAST 3nd STREET

PA STATE GRANGE | W VA FENCE | FRED GUTWEIN & SON | AGRI INC | LUBECO | MOBAY | WEST PENN HYDRAUL

MAIN

WEST 6th STREET

INTER NATL STOCK FOOD | PA. FARMERS UNION
ICI AMERICAS | BASF
SPRAYING SYSTEMS | AG VENDOR
CARGILL NUTRENA FEED | PA. AGGREG & CONC
BEAD-BUSTER/ GANS TIRE | J & J AGRI PROD

EXHIBITS TENT #1

FLEX STEEL LACING | HARDY MFG
P.L. ROHRER & BROS | WALTER WEABER & SONS
LEAMAN TRACTOR PARTS | AMER CYANA MID
AG RESTORE | AMER FARM PUBL
PACMA | AG BAG
WEST AGRO

EXHIBITS TENT #2

Gallagher SPRING TIGHT FENCE | PSU-POLICE
NATL. FARMERS ORG. | MID ATL. SOYBEAN
USDA FCI | USDA FHA
USDA ASCS | NATRIUM PROD
WEST PENN POWER | PENN AG INDUS
FARM & HOME NEWS | UNITED AGRI PROD
GOOD YEAR TIRE | PSU Indep LEARNING
Pa WOOD Ind Assoc

EXHIBITS TENT #3

PA DEPT OF AGRIC | PA DEPT OF AGRIC
GEORGE'S SEEDS | LONG MFG N C
WAHPE TON CANVAS | MIRACLE FEEDS
TAYLOR MFG

EXHIBITS TENT #4

Ag Progress Exhibitors List Booth Locations

1990 Company & Location

A
Ag Products Co. W8
Ag Restore, Inc. ET2
Ag-Bag Corp. W8
Ag-Chem Equipment Co., Inc. W1
Agri-Concrete Prod., Inc. W3
Agri-Dynamics ..... DLT
Agri-Inc. EB1
Agri-King, Inc. W9
Agri-Quip E3
Agricultural Vendor ET1
Agway, Inc. E5
Agway, Inc. (Andgrow) E5
Agway, Inc. (Corn) E5
Alaska Stove Co. W1
Alberta Ag-Industries Ltd. W6
Alfa-Laval Agri, Inc. W11
Allensville Planing Mill, Inc. W1
Alternative Energy Systems W10
American Angus Assoc. ..... DLT
American Breeders Svc. ..... DLT
American Cyanamid ET2
American Farm Publications ET2
Apple Agri Sales, Inc. E1
Aqua II Water Stoves W1
Atlantic Bldg. Systems, Inc. W9
Atlantic Breeders Coop ..... DLT
Atlantic Dairy Coop. ..... DLT

B
B A S F ET1
Babson Bros. Co. E5
Badger Associates W4
Badger Northland, Inc. E3
Badger's Agri Service, Inc. W5
Beachley-Hardy Seed Co. E6
Beadbuster/Gans Tire ET1
Beaver Fence Systems E7
Belarus Machinery, Inc. W9
Berg Equipment Co. W2
Binkley & Hurst Bros., Inc. W3
Bou-Matic W5
Breezewood, Inc. W2
Brillion Iron Works, Inc. E5
Brunk, L.B. & Sons W6
Bush Hog/Kewannee E3
Butler/Lester Mfg. Co. W4

C
C F C Distributors, Inc. E7
Cagle Mfg. Co., Inc. W4
Canadian Embassy W11
Canna-Bilco Dist., Inc. W6
Cargill Hybrid Seeds E6
Cargill, Inc.- Nutrena Feed Div. ET1
Cargill, Molasses Div. ..... DLT
Case IH E3
Central Petroleum Co. W5
Charles Tool & Supply, Inc. W1
Clay Equipment Corp. E3
Cummings & Bricker W8

D
Dairylea Coop., Inc. ..... DLT
Danco Products E1
Deere, John Co. W5
Dekalb-Pfizer Genetics E5
Deutz-Allis Corp. E1
DMI, Inc. W2
Doebler's Pa. Hybrids, Inc. E6

E
Eastern Crown, Inc. ..... DLT
Eastern Milk Producers ..... DLT
Eby, M.H., Inc. W8
EMM Sales & Svc., Inc. W6
Endless Mountains Equip. Co. W5
Endless Mtns. Harvestore W2

F
Farm & Home News ET3
Farm Bag Supply, Inc. W8
Farm Credit Service W2
Farmer Boy Ag, Inc. W3
Farmmaster, Inc. E1
Feedmobile, Inc. W9
Fertrell Co. ..... DLT
Fiberdome, Inc. W4
Fickes Silo Co., Inc. W10
Filson Livestock Equip. Co. W9
Flexible Steel Lacing Co. ET2
FMC Corp. W5
Ford New Holland, Inc. E2
Frey Bros. W1
Furst-McNess Co. ..... DLT

G
G V M, Inc. E1
Gallagher Spring Tight Fence ET3
Gehl Co. E3
George's Seeds ET4
Goodyear Tire & Rubber Co. ET3
Gossett Nutrition, Inc. W9
Gravely International, Inc. W1
Great Plains Mfg., Inc. W3
Gro-Mor Plant Food Co., Inc. W6
Growers Fertilizer Solutions W2
Gutwein, Fred & Sons, Inc. EB1

H
H & S Mfg. Co., Inc. W8
Haines, Ben/Indag Ind. E1
Hamilton Equipment, Inc. E1
Hanson Silo W8
Hardi, Inc. W5
Hardy Mfg ET2
Helme Tobacco Co. W10
Heritage Realty, Inc. E3
Herr, E.M. Equipment, Inc. W5
Hesston Corp. W4
Hi Score Plant Food Co., Inc. W5
Hiniker Co. E1
Hoffman Seeds E6
Hoober, C.B. & Sons, Inc. W3
Hostetler Truck Bodies W6
Hydro Wash/Karcher E7
Hytest Seed E6

I
ICI Americas, Inc. ET1
IBA, Inc. ..... DLT
Imperial-Calumet Indus. W6
International Stock Food Corp. ET1

J
J & D Mfg. W8
J & J Agri-Products, Inc. ET1
J-Star Industries, Inc. E3
Jacques Seed Co. E6
Jones & Aukder W6

K
K & S, Inc. W2
Keystone Polypay Assoc. ..... DLT
Keystone Stihl, Inc. W1
Kiwi Fence Systems, Inc. W8
Krone Niemeyer W6

L
Laing, Dick, Diesel Svc. W1
Lancaster Level-Flo, Inc. W9
Landmark Genetics ..... DLT
Lawn Care Dist., Inc. W1
Leaman Tractor Parts ET2
Lee, R.J. Co. W3
Lely Corporation. W4
Long Mfg. N.C., Inc. ET4-W5
Lubeco EB1

M
Marathon Milking Tech. ..... DLT
Martin Water Conditioning W4
Marting Mfg., Inc. W8
Massey Ferguson, Inc. E3
McConnell Mfg. Co. W6
Melroe Co. E2
Metko, Inc. W8
Metz Sales ..... DLT
Meyer Mfg. Corp. W3
Meyer, Dick Co., Inc. ..... DLT
Mid-Atlantic Soybean Assoc. ET3
Milk Marketing, Inc. ..... DLT
Milk-Rite U.S.A., Inc. ..... DLT
Miracle Feeds, Inc. ET4
Mobay Corp. EB1
Mobil Corp. W2
Monsanto Agric. Co. W5
Moorman Mfg. Co. ..... DLT
Moritz Trailers W6
Morton Buildings, Inc. E6
Mueller, Paul Co. W5
Mummau's Firestone W5
Muncy Chief Hybrids, Inc. E6

N
N-Tech W8
Na-Churs Plant Food Co. W5
National Farmers' Org. ET3
Natrium Products ET3
NC+ Hybrids E5
Noland/Lage Products ..... DLT
Norbco, Inc. E1
Northeast Santa Gertrudis Assoc. ..... DLT
Northrup King E6
Northwest Tillers, Inc. W9

P
PACMA, Inc. ET2
PARS, Inc. E6
Pa. Aggregates & Concrete Assoc. ET1
Pa. Cattlemen's Assoc. ..... DLT
Pa. Charolais Assoc. ..... DLT
Pa. Chesapeake Bay ..... CET
Pa. Dairy Goat Assoc. ..... DLT
Pa. Dept. of Agriculture ET3
Pa. Farmer Magazine W4
Pa. Farmers Union ET1
Pa. Farmers' Assoc. E5
Pa. Game Commission E5
Pa. Holstein Assoc. ..... DLT
Pa. Jersey Cattle Club ..... DLT
Pa. Polled Hereford Assoc. ..... DLT
Pa. Rural Electric Assoc. W5
Pa. Sheep & Wool Growers Assoc. ..... DLT
Pa. Simmental Assoc. ..... DLT
Pa. State Grange EB1
Pa. State Univ.- Ben Franklin Ctr. ET2
Pa. State Univ.- Indep. Learning ET3
Pa. State Univ.- Police Svcs. ET3
Pa. Wood Industry Assoc. ET3
Palco Livestock Equipment W11
Patz Sales, Inc. E5
Penn Ag Industries Assoc. ET3
Penn Forestry Co., Inc. W11
Penn Jersey Products, Inc. W5
Pennfield Feed ..... DLT
Philadelphia Turf Co. W11
Pioneer Hi-Bred Int'l., Inc. E6
Pitt Auto Electric E1
Pixall Corp. W2
Power Pro Equipment Co. W1
Power Systems Electric E7
Purina Mills, Inc. ..... DLT

R
RCMA ..... DLT
Ramer, William E. & Sons W1
Ransome Lift/Highway Equip. W2
Ration Maker East, Inc. W11
Renaissance Nutrition ..... DLT
Rich Mac Systems E8
Robbins, Marc Co. W4
Rohrer, P.L. & Bro., Inc. ET2
Ryder Supply Co. W6

S
S. I. Distributing W9
Schick Farms W3
Schnupp's Grain Roasting, Inc. W3
Seedway, Inc. E6
Select Sires, Inc. ..... DLT
Servos Seed Corp. E6
Shirn's GMC W11
Sire Power, Inc. ..... DLT
Sollenberger Silos Corp. W5
Sones Grain Systems W4
Spraying Systems Co./Malone, Inc. ET1
Steiner Ag Products, Inc. W1
Stoltzfus Spreaders W6
Sukup Mfg. Co. W11
Sunbury Motor Co. E1
Swantak, Joseph, Inc. W9
Symo-Life, Inc. ..... DLT
Syri-Con Precast Concrete Corp. W9

T
Tam Agri Corp. E5
Taylor Mfg., Inc. ET4
Telmark, Inc. E5
Tico Mfg. W6
Todd Farm Equipment E1
Trans Equipment, Inc. W5
Tri-County Confinement Sys. W1

U
U S Agri-Systems E5
United Agri Products ET3
United Farm Tools, Inc. W8
Unverferth Mfg. Co., Inc. W6
USDA- Ag. Stab. & Cons. Svc. ET3
USDA- Farmers Home Admin. ET3
USDA- Federal Crop Ins. ET3

V
Van Dale, Inc. W4
Vermeer Mfg. Co. W1
Vicon Mfg., Inc. E5
Vigortone Ag. Products W9

W
Wahpeton Canvas Co., Inc. ET4
Weaber, Walter & Sons, Inc. ET2
Wengers Farm Machinery, Inc. W5
West Agro, Inc. ET2
West Penn Hydraulics, Inc. EB1
West Penn Power Co. ET3
West Virginia Fence Corp. EB1
Westfalia Systemat W10
Wetsel Seed Co. E6
White-New Idea Farm Equip. E5
Wil-Rich/Taylor Pittsburgh W6
Wood-Mizer Products W2
Woodhouse, J.S. Co., Inc. W8
Woods Div. of Hesston Corp. W4

Y
Young's, Inc. W11

Z
Zetor Tractor Div. W1
Zimmerman Mfg. Corp. W3
Zimmerman, Paul B., Inc. W9

1990 Ag Progress Days Event Schedule

(Continued from Page E17)

3:00 **General Research Tour** leaves from the corn crib
Lung Protection Demonstration- College Exhibits Building
PENpages Demonstration- Youth Building
Machinery Demonstration- Hay Crop Silage Baling & Wrapping *(See Map)*
Forestry and Wildlife Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
Grazing Management Program- Conservation Tent

3:15 **Macintosh Computer Class-** Youth Building

3:20 **General Research Tour** leaves from the corn crib *(Wednesday)*

3:40 **General Research Tour** leaves from the corn crib *(Wednesday)*

3:45 **PENpages Demonstration-** Youth Building *(Wednesday)*

4:00 **Lung Protection Demonstration-** College Exhibits Building
Integrated Crop Management Discussion- Conservation Tent
Plant Materials- Conservation Tent

THE FOLLOWING ACTIVITIES TAKE PLACE ON WEDNESDAY ONLY

4:00 **General Research Tour** leaves from the corn crib
Macintosh Computer Class- Youth Building
Forestry and Wildlife Tour leaves from the Conservation Tent

4:20 **General Research Tour** leaves from the corn crib

4:30 **PENpages Demonstration-** Youth Building

4:40 **General Research Tour** leaves from the corn crib

4:45 **Macintosh Computer Class-** Youth Building

5:00 **Lung Protection Demonstration-** College Exhibits Building
Low-Fat Cookery: Pork- Meating Place
General Research Tour leaves from the corn crib
Forestry and Wildlife Tour leaves from the Conservation Tent

5:15 **PENpages Demonstration-** Youth Building

5:20 **General Research Tour** leaves from the corn crib

5:30 **Macintosh Computer Class-** Youth Building
General Conservation Tour leaves from the Conservation Tent

5:40 **General Research Tour** leaves from the corn crib

6:00 **General Research Tour** leaves from the corn crib
Sci-Q Game Show- College Exhibits Building Theater
PENpages Demonstration- Youth Building
Low-Fat Cookery: Beef- Meating Place
Lung Protection Demonstration- College Exhibits Building
Forestry and Wildlife Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
Plant Materials for the Homeowner- Conservation Tent

6:15 **Macintosh Computer Class-** Youth Building

6:20 **General Research Tour** leaves from the corn crib

6:30 **General Conservation Tour** leaves from the Conservation Tent

6:40 **General Research Tour** leaves from the corn orib

6:45 **PENpages Demonstration-** Youth Building

7:00 **Macintosh Computer Class-** Youth Building
Low-Fat Cookery: Veal- Meating Place
General Research Tour leaves from the corn crib
Sci-Q Game Show- College Exhibits Building Theater
Lung Protection Demonstration- College Exhibits Building
Integrated Crop Management Discussion- Conservation Tent

5:00 **Ag Progress Days exhibits close** *(TUESDAY & THURSDAY)*

8:00 **Ag Progress Days Exhibits Close** *(WEDNESDAY)*

Participation Increases In State 'Clean & Green' Program

HARRISBURG (Dauphin Co.) — More than three million acres of Pennsylvania farmland, forest and open space are now voluntarily enrolled in the "Clean and Green" program, according to Secretary of Agriculture Boyd E. Wolff.

"I am pleased to report that 35,847 landowners in 41 counties sought property tax relief under Act 319 last year," Wolff said. "Four new counties were enrolled, the largest increase we've seen since the program began in 1974. Acreage enrolled statewide now totals 3,020,797, an increase of 561,977 acres from 1988."

The Department of Agriculture recently published a data summary outlining participation in the Pennsylvania Farmland and Forest Land Assessment Act. More commonly known as the Clean and Green program, the act preserves farmland, forest land and open space by taxing land according to use value rather than the prevailing market value.

Other statistical highlights of the report include:

* The average reduction in dollar value per acre for tax purposes was 59 percent, although reductions ranged from zero to 94 percent.

* Lycoming County experienced the greatest growth in enrolled acreage during the year with 152,298 acres. Warren County placed second with 148,048 acres. However, 1989 was the first year landowners from those two counties participated in the program.

* Bradford County had the most acres of land enrolled in the program with 474,969, while Washington County placed second with 331,299 acres.

* The largest gain in participants occurred in York County, which grew from 15 in 1988 to 4,324 during 1989. Lycoming County ranked second in new participants, enrolling 2,382 landowners during its first year in the program.

* Washington County had the greatest number of participants for the eighth consecutive year with 5,650. Bradford County ranked second with 5,271 participants.

* The largest decrease in enrolled acreage was reported by Cameron County, which lost 17,863 acres.

The Clean and Green program is voluntary and generally requires a minimum of 10 acres to remain in designated use. Land taken out of the permitted use may be subject to a rollback tax. Some split-off or separated lands are exempt from rollback penalties if the original use of the land does not change.

The Pennsylvania Department of Agriculture makes rules and regulations governing the act. Landowners interested in additional information and applications should contact their County Assessment Office, local administrators of the program.

During the construction of the Hoover Dam, concrete had to be poured continually for two years.

Field Machinery

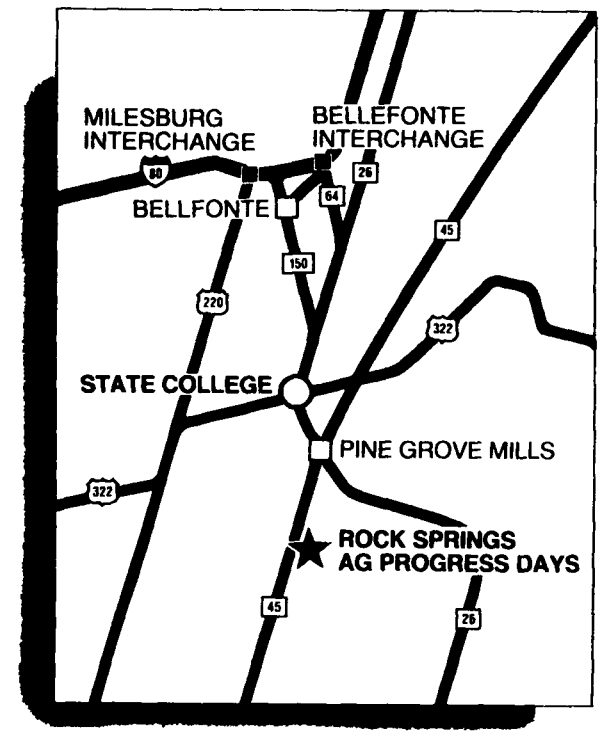
(Continued from Page E17)

Pesticide application equipment will be tested with calibration jars and water-sensitive paper to illustrate the uniformity of application.

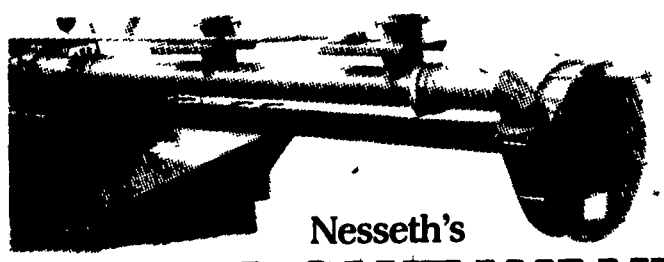
Demonstrations will be offered all three days at the following times: 10:00 a.m. Mowing; 11:00 a.m. Pesticide application; 1:00 p.m. Conservation planting; 2:00 p.m. Hay crop silage chopping and baling; 3:00 p.m. Hay crop silage baling and wrapping.

For more information about the demonstrations, contact coordinators Paul Anderson at (814) 865-2971 and James Garthe at (814) 865-7154.

Penn State's Ag Prgress Days features over 500 acres of educational and commercial exhibits, tours and machinery demonstrations. It is held at the Russell E. Larson Agricultural Research Center at Rock Springs, nine miles southwest of State College on Route 45, August 14-16. Hours are 9 a.m. to 5 p.m. Tuesday and Thursday, with extended hours of 9 a.m. to 8 p.m. on Wednesday. Admission and parking are free.



The Ag Progress Days site is nine miles southwest of State College on Route 45 Admission and parking are free.



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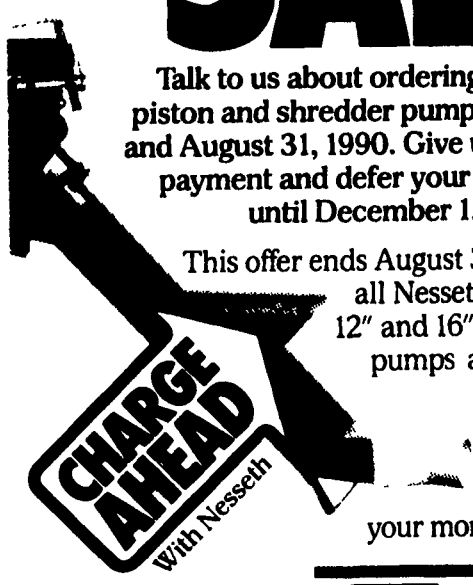

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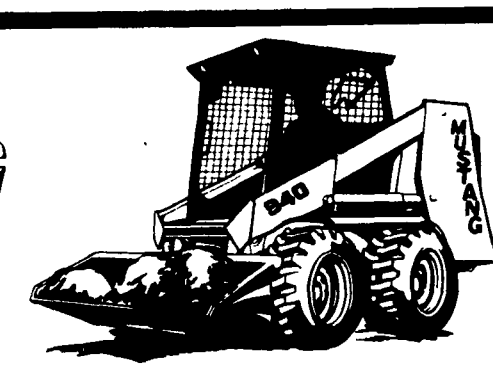

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Academics, Careers And Computers At Ag Progress

UNIVERSITY PARK — "Computers and Careers in Agriculture" is the theme of this year's Ag Progress Days Youth Building. Professional counselors will offer career, academic and financial aid information to people looking into agricultural careers, says Marianne Houser, coordinator of undergraduate recruitment for resident education in Penn State's College of Agriculture.

A popular attraction again this year will be the microcomputer laboratory in the Youth Building. Visitors can try a Macintosh computer during several 30-minute sessions beginning at 10 a.m. daily. Participants of all ages will be able to take a quiz on agriculture and learn a computer drawing program. Computer session admission tickets will be available free at the Youth Building and the Main Street information booth.

A computerized career exploration program called "Discover" will guide users to possible career choices based on their preferences and abilities. Penn State's Career Development and Placement Services staff will be there to offer advice.

Demonstrations of PENpages, the computer-based library of the College of Agriculture, will run frequently.

Staff from the College of Agriculture will discuss the diverse career opportunities in agriculture and Penn State degree offerings. Counselors will explain college admissions and financial planning. Visitors may watch videotapes, pick up literature and talk with undergraduate students.

Penn State continuing education staff will provide literature and an exhibit explaining the programs and role of continuing education. Courses are offered statewide for part-time learners of all backgrounds at 21 Penn State locations.

High school students may be interested in a display about the Pennsylvania Governor's School for the Agricultural Sciences, a summer enrichment program for academically talented students interested in food science, agriculture and natural resources.

Businesses and individuals may sign up to become members of Pennsylvania Friends of 4-H, a support group that provides 4-H program assistance through donor contributions.

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Dairy Promotion Is Joint Effort At Ag Progress

COLUMBUS, OH — A bit of history, great taste, and education will be the focus of a joint dairy promotion exhibit at Ag Progress Days, August 14-16, in State College.

The exhibit will be sponsored by the four dairy promotion organizations serving Pennsylvania: the American Dairy Association and Dairy Council, Inc; the Federal Order 36 Advertising and Promotion Agency/Mid East UDIA; the Middle Atlantic Milk Marketing Association; and the Pennsylvania Dairy Promotion Program.

1990 marks the second consecutive year that these four organizations have joined together at Ag Progress Days to represent the more than 13,000 dairy farm families in the Commonwealth.

Special features of the dairy promotion exhibit will include an antique ice cream churner display, daily drawings for a variety of prizes, and free promotional and educational materials.

The exhibit will be displayed in a tent located adjacent to the ice cream trailer where county promotion committees will be selling ice cream and yogurt. Representatives from the four dairy promotion organizations say that the tent's unique location will offer Ag Progress visitors the opportunity to see the exhibits and enjoy their frozen desserts at the tables and chairs provided in the tent.

The dairy promotion tent will be open Tuesday and Thursday, 9 a.m. to 5 p.m. and Wednesday, 9 a.m. to 8 p.m.

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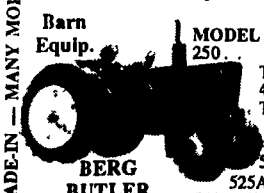

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505	70	$10,995
525A 4WD	70	$12,825
562 4WD w/Cab	70	$13,479
572 4WD w/Cab	70	$13,975
820 4WD	85	$14,895
822 4WD w/Cab	85	$16,222
922 4WD w/Cab	100	$23,142
Engine For Air Skid Loader	31	$3,650
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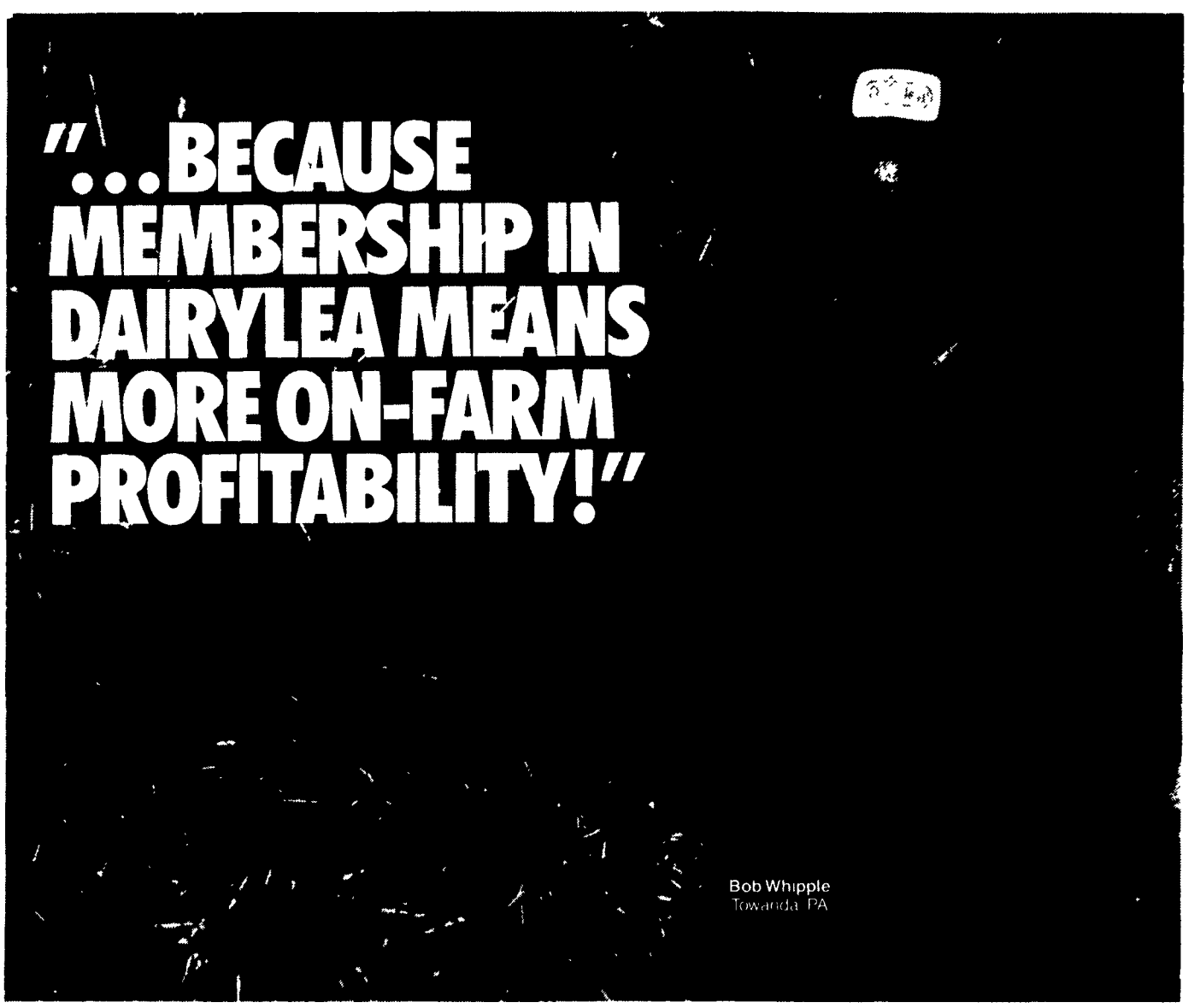

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Ag Progress Days SPECIAL REPORT

RESEARCH AT THE SOUTHEASTERN FIELD RESEARCH LABORATORY

John O. Yocum
Sr. Research Assoc.
Agronomy Dept.
Penn State

One of the big events of the Pennsylvania agriculture community is Ag Progress Days. The theme for this year's event is "Food and Environmental Quality: Preparing for the 21st Century."

While the Southeastern Field Research Laboratory is not a direct part of Ag Progress Days, the research conducted at this Penn State facility is also addressing the issues that will affect our food and our future.

The laboratory is a 106-acre farm located near Landisville, Pennsylvania. The purpose of the laboratory is to provide a location where researchers can establish, observe, obtain data, and prove the worth of new technology for farmers in the southeastern and south-central area of Pennsylvania.

This area of Pennsylvania has a different climate than that at University Park. The climate in southeast Pennsylvania has more growing degree days, higher night temperatures, and generally higher relative humidity than that observed in central Pennsylvania.

Because of this climatic difference, research on longer maturing varieties, longer crop seasons (4 to 5 cuts of alfalfa vs. 3 to 4 in other parts of Pennsylvania), and different and often more severe plant diseases must be conducted within this climatic region.

Most of the research conducted at the laboratory is what would be labeled applied research (research that can be directly applied to farmers). The research conducted at the laboratory during the past 30 years has changed greatly.

The primary effort 30 years ago was tobacco research. Today, tobacco research is a minor part of both the land and personnel resources at the laboratory.

In addition, other aspects of research have changed. Thirty years ago most fertility research was focused on how to get farmers to increase their use of plant nutrients. Now, much of the fertility work is directed toward limiting the excessive amounts of nutrients applied in animal manures.

Variety testing has also undergone changes. Years ago most of the crop varieties tested were developed by public institutions (land grant colleges and the USDA). Today most of the alfalfa, clover, corn, soybean, and wheat varieties are produced by private companies.

In addition to the changing source of varieties, the number of cultivars have greatly increased. During this growing season, approximately 180 corn hybrids, 63 soybean varieties, 86 forage varieties, and 41 varieties of small grain that are available in Pennsylvania were tested at the laboratory.

As the research has changed during the past 30 years, the research needed for the 21st century will also be different. The environmental concerns, the world competition in agriculture, the basic work in biotechnology, and local population pressures will need to be addressed through innovative research, along with the continuation of some present research.

Environmental concerns are being addressed by research, such as soil nitrogen testing and testing of new pesticides that are applied in smaller amounts (herbicides that use only 1/4 oz per acre) and that have increased safety to humans and the environment.

Integrated management research (cultural, mechanical, and chemical methods) that will develop a system approach to pest control may also reduce the need for pesticides.

The promise of biotechnology to produce plants that have increased insect, disease, and herbicide resistance and possiblity even herbicidal activity are expected to be available in the 21st century.

Testing these materials for the longer growing season of southeastern Pennsylvania will be necessary to provide farmers with unbiased information. Efficiency of production will continue to be an important part of agriculture research.

As farmers in the United States compete with foreign producers, efficient production will be a critical area of crop production. Research at the southeast laboratory into inputs, yields, and other new technology will be necessary to provide scientific data which will allow farmers to make choices that will keep them competitive.

Research into high income crops such as small fruit, vegetables, and ornamentals will be necessary to help small farmers stay in business and to provide this populated area of Pennsylvania with plant materials that beautify and improve our well-being.

As we move into the 21st century, Penn State's Southeastern Field Research Laboratory is located strategically to serve as an agriculture research center where scientific information can be developed to improve the food and environmental quality in southeastern Pennsylvania.

Benefit Barbecue On

NEW HOLLAND (Lancaster Co.) — A benefit chicken barbecue and yard sale will be held Labor Day weekend, on Sat., Sept. 1, 1990 at Beiler Hydraulics.

Ice cream will be made on site. In addition to the barbecue, subs will be for sale. The sale is located west of New Holland, one mile on North Shirk road off Rt. 23.

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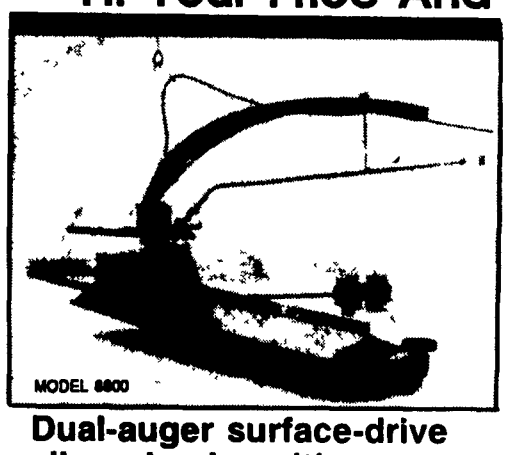
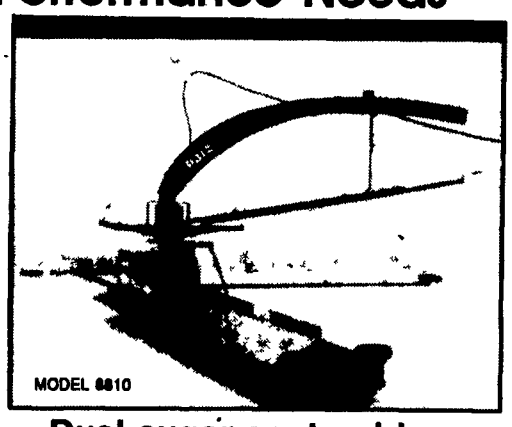


Dual-auger surface-drive silo unloader with Patz quality



Dual-auger center-drive silo unloader with Patz quality

RD-820 RING-DRIVE SILO UNLOADER
Both silo unloaders have a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.

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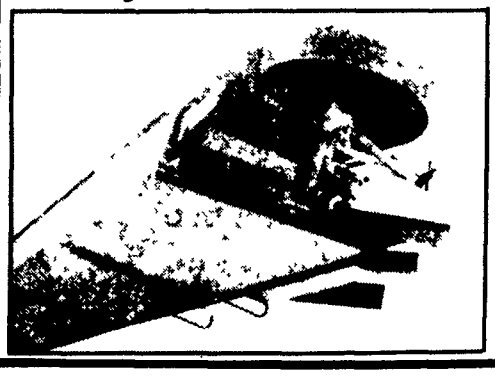

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Ask The Experts About Crops And Livestock

UNIVERSITY PARK, Pa. — Farmers can ask the experts about crops, soils, dairy and livestock at Penn State's Ag Progress Days, August 14-16. "Ask the Experts" is a popular feature in both the Crop and Soil Science Tent and the Dairy and Livestock Tent.

"We answer questions about putting up silos, changing feeding systems and diagnosing animal diseases," says Dr. Lawrence Specht, Penn State professor of dairy science and coordinator of the Dairy and Livestock Tent. "People often just want an unbiased opinion."

Faculty from the departments of dairy and animal science, poultry science and veterinary science will be at the "Ask the Experts" booth in the Dairy and Livestock Tent to answer visitors' questions.

The tent will also feature educational displays on the use of newspaper as bedding for dairy cows and the testing of milk and meat for antibiotics. The Pennsylvania DHIA will have a booth where farmers can learn how to access the Agricultural Records Information Service computer from their own farm.

In addition to seeing cattle, visitors to the Dairy and Livestock Tent can see blue duikers, South African antelopes that weigh about nine pounds when fully grown and stand 10 inches tall.

In the Crop and Soil Science Tent, farmers can visit the "Ask the Experts" booth to find solutions to problems with soil fertility, diseases, insects, corn, forages, small grains and tillage practices. Visitors also can view educational displays on soil testing, nutrient management and weed identification.

The near infra-red spectrometry van will be at the tent to test hay samples for the Hay Show and the Hay Crop Silage Contest. Growers who would like to enter the hay contest are invited to bring samples to the Crop and Soil Science Tent by Monday, August 13. Judging will take place on Tuesday, August 14.

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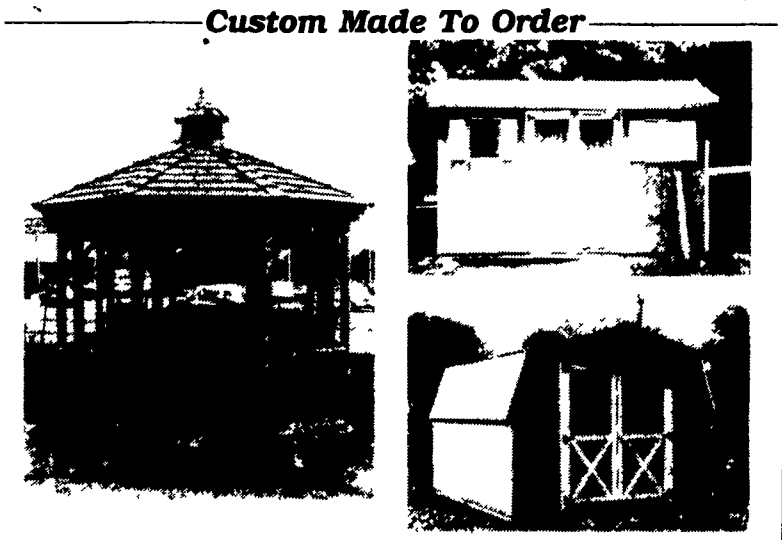

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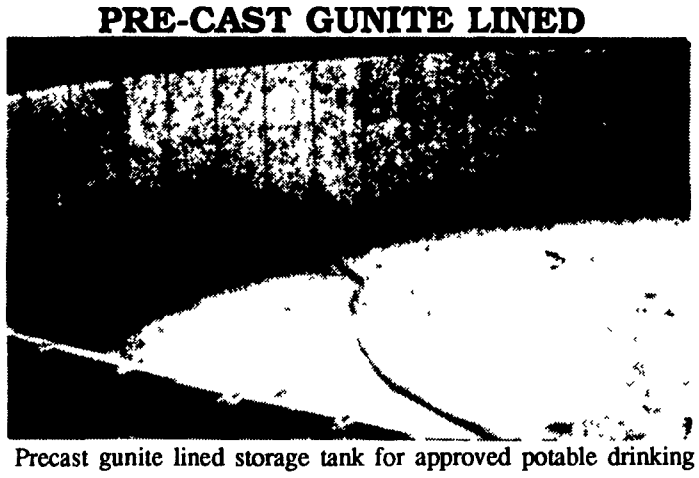

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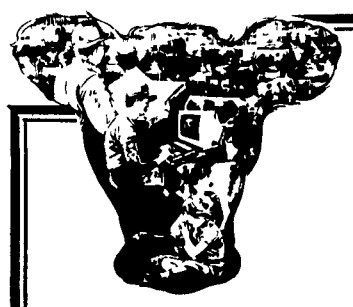

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Penn State Ag Progress Exhibit To Address Animal Welfare

UNIVERSITY PARK — The College of Agriculture is addressing nationally significant issues such as animal welfare at the 1990 Ag Progress Days. Several interest groups have become increasingly vocal about a number of animal housing systems, including cages for laying hens, veal calf stalls, gestation stalls and farrowing crates for sows.

Dr. Kenneth Kephart, assistant professor of animal science, is coordinating a live animal display that will show different farrowing options for sows. Kephart will ask visitors to choose from among several housing alternatives.

"Visitors will consider the issues of cost, baby pig survival and disease control through first-hand observation of options," explained Kephart. "We hope to demonstrate that producers must review a wealth of variables affecting animal welfare before deciding what facilities are appropriate for their enterprise."

TURFGRASS AND THE ENVIRONMENT FEATURED AT 1990 AG PROGRESS DAYS

The benefits of keeping your lawn clean and green will be the focus of a water quality exhibit at Penn State's 1990 Ag Progress Days on August 14-16.

"A healthy lawn has tremendous potential for retaining topsoil that might otherwise end up in streets and water supplies," says Dr. Thomas Watschke, professor of agronomy and exhibit coordinator.

College faculty and staff at the exhibit will answer questions about turfgrass and will demonstrate how much water runs off good turf versus poor turf, buildings and pavements. Lawn care information and fact sheets will be available.

BIOCONTROL OF GYPSY MOTH UPDATE AT AG PROGRESS DAYS

Biological warfare is taking on new meaning as scientists aim bacteria, viruses and fungi straight at the gypsy moth. The place to learn more about this strategy is the 1990 Penn State Ag Progress Days.

"Penn State's Pesticide Research Laboratory is constantly working to find new and environmentally sensitive gypsy moth controls," said William Yendol, professor of entomology in the College of Agriculture. "We hope to alert the public to current biocontrol efforts going on throughout the Commonwealth."

Visitors to Ag Progress Days can observe moths treated with various biocontrol methods. **Bacillus thurningiensis,** a bacterium more commonly called Bt, and a gypsy moth-specific virus are being used to destroy moths through population control. Also featured will be a fungus that is the most recent natural control. It can be used to kill moths under highly humid conditions.

Information highlighting control methods for homeowners will be distributed throughout the event and visitors will be able to view gypsy moths at various stages of growth.

BIOTECHNOLOGY EXPLORED AT PENN STATE'S AG PROGRESS DAYS

Visitors to Penn State's 1990 Ag Progress Days can explore the often misunderstood and complex world of agricultural biotechnology — the use of microorganisms or cells to produce products or carry out processes — by visiting the College of Agriculture exhibit.

"People immediately feel more comfortable with biotechnology when they understand that it is a more precise way of conducting plant and animal breeding," says William Lacy, assistant dean for research in the College of Agriculture. "In fact, one of the earliest biotechnologists was Gregor Mendel, a 19th century monk whose pea patch paved the way for hybrid corn and high-yield varieties of wheat.

The Ag Progress Days exhibit will focus on potential benefits and costs associated with some of the latest plant and animal biotechnological projects. Coordinators hope to show the range of products and processes involved in current research.

Cocoa butter and bovine somatotropin (BST) research will be highlighted as prime examples of plant and animal biotechnology that is controversial. A host of questions have been raised about the effects of this research on traditional farming methods and on the economics of developing nations.

Visitors will have the opportunity to participate in a public opinion survey. In return, they can compare their responses to those in a United States Congressional Study.

Game Show To Teach About Agriculture

UNIVERSITY PARK, Pa. — For a chance to learn more about agriculture and to win prizes, visit the SciQ game show in the College of Agriculture Exhibits Building at Penn State's Ag Progress Days, August 14-16.

How was the gypsy moth introduced in the United States? How is newspaper used in animal agriculture? SciQ contestants and visitors can learn the answers to these questions and find out interesting facts about water quality, animal welfare, waste management, biotechnology and agricultural safety.

This year the program will also include Science Insights, mini lectures that highlight research areas in the College of Agriculture. Science Insights topics include household waste recycling, beneficial food choices, turfgrass advantages and farm-related respiratory diseases.

There will be four half-hour SciQ game shows a day, at 10 a.m., 11 a.m., 1 p.m., and 2 p.m., in the Exhibits Building theater. Game show contestants and individuals in the audience can win prizes including Penn State University Creamery ice cream, Penn State geraniums, Penn State turfgrass mixtures and SciQ T-shirts.

Admission to SciQ is free, but due to limited seating in the theater area, visitors are encouraged to arrive early.

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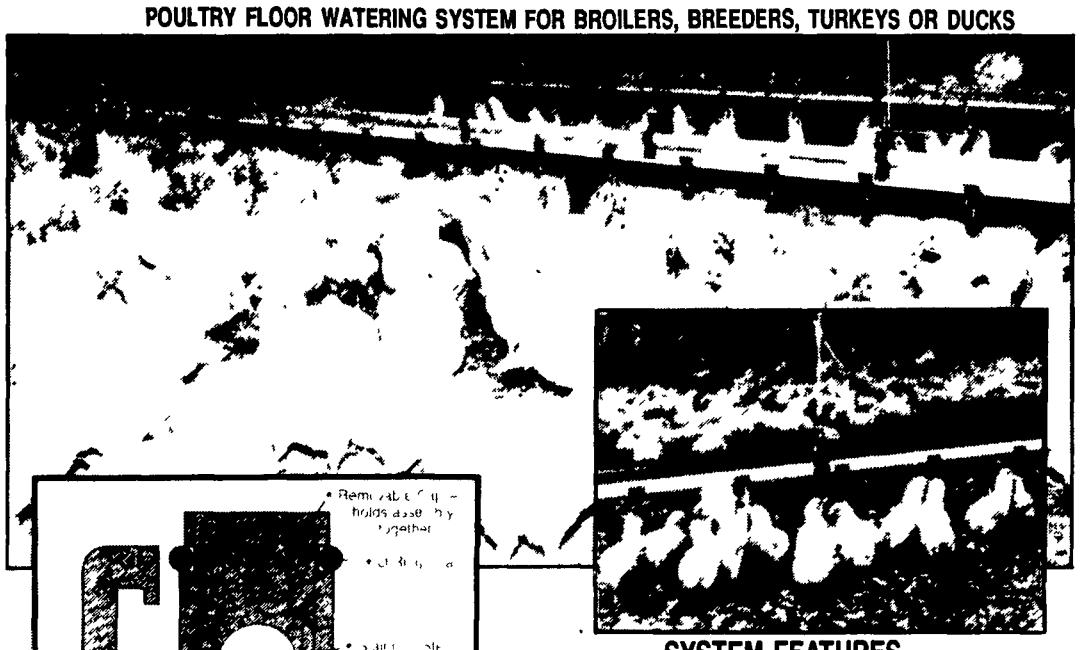

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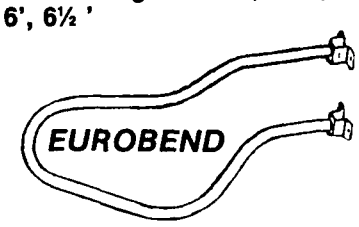

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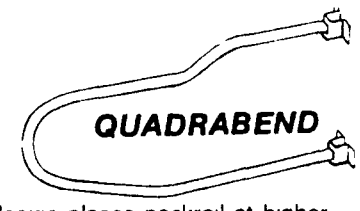

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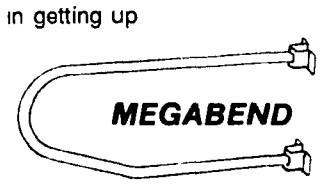
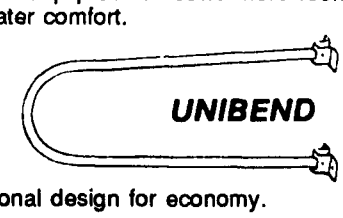


Wide loop provides cows more room for greater comfort.



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Ag Progress Days SPECIAL REPORT

THINK SAFETY!

Thomas E. Piper
Adams County
Extension Agent

Good safety habits are a must for anyone who operates farm machinery. While engineers develop safer machines every year, the safe use of the machine is up to you.

As you observe the new farm machinery models on display at Ag Progress Days, look for the safety features. See how the designer has made it easier for the operator to do the right or safe thing. Notice how hazard points are shielded. Modern machines are designed to minimize fatigue and maximize convenience, comfort, and safety.

Researchers in Ohio have found that the major causes of machinery accidents that resulted in permanent disability were factors over which the designer, the manufacturer, or the dealer had no control. Interviews with victims revealed that the most frequent causes of accidents were the conscious acceptance of risk by the operator; hurrying to meet deadlines; and preoccupation.

Accidents can't all be prevented by simply observing standard precautions and installing shields. You, the operator, must be constantly alert while operating the machine. You've got to think safety at all times!

Corn harvest

In preparing for corn harvest, walk the perimeter of the fields to remove obstacles; mark clearly those which can't be moved. Crops should be planted to allow extra turning space near ditches. Be sure to check for undercut embankments and new ditches which could pose an overturn threat.

Take extra precautions when moving a combine or any piece of farm machinery on roads and highways. Be sure to empty the grain tank to reduce weight and lower the center of gravity. When practical, remove the header if it's wider than the basic machine and transport it separately.

Be sure the slow-moving vehicle emblem and all reflectors and lights are in working order. If in doubt, check with local or state police for regulations on moving large machines on public roads.

Corn harvest often takes place in late fall and even in winter. Frozen ground, ice, snow, and mud are just a few of the conditions which can add to your problems. Dress for the occasion in comfortable, well-fitted clothing. Keep steps and platforms clear to prevent falls. Disengage all power and shut off the machine before dismounting.

Back at the barn

The simplicity of elevators and augers often leads operators into thinking that they are safe. Not so! These machines have become a major source of farm accidents.

Begin by keeping children away from the elevator, whether it's stored or in use. Children should never be allowed to climb on them.

Don't get electrocuted! Keep elevators away from power lines. Wear only tight-fitted clothing without loose ends when working around elevators or augers. Run the elevator or auger no faster than necessary to move the material.

Never try to stop a spinning crank: you could be seriously injured! Shafts, belts, pulleys, beaters, chains, and the other working parts on feed and forage wagons can be hazardous if you fail to follow safe operating rules.

Keep children away while equipment is in operation and keep your hands and feet clear of all moving parts. Though grain bins appear to involve little risk, they pose serious hazards. The unsuspecting person who enters a bin with the unloader running may sink in the flowing grain before he realizes when has happened. It only takes 3 or 4 seconds to become helpless in flowing grain, a few seconds more to be submerged, and suffocation soon follows.

If you must enter a bin, disconnect the power source and make sure no one can turn it on while you're inside. Install ladders in all bins. If you must enter a bin, tie yourself to a rope and harness so you have a way of getting out. Have two extra people handy — one to hold the rope and one to get extra help if needed.

Think safety

Know the hazards of the fertilizers, pesticides, and other chemicals you use on the farm. Use a respirator, rubber gloves, and protective clothing as needed.

Avoid the dangerous gases that can build up in a silo after filling and for two weeks afterward. Carbon dioxide and nitrogen dioxide can build to lethal levels and both are practically undetectable.

If you must enter a filled silo, run the blower for 15 to 20 minutes to clear the air and leave it running slowly to provide fresh air. Respirators will not help, because they don't have an oxygen supply. See a doctor if you have any sign of nausea or headache.

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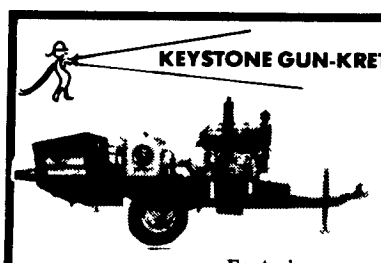

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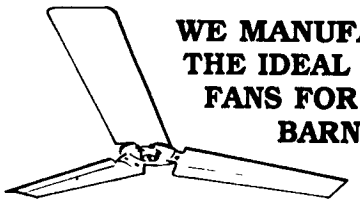

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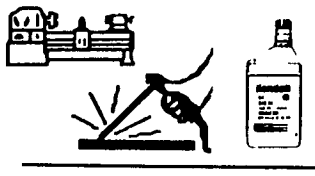

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Governor's School Students Receive Hands-On Experience

UNIVERSITY PARK (Centre Co.) — Some high school students spend their summer vacations playing and taking it easy, but not Michael Miller. As a participant in the 1990 Pennsylvania Governor's School for the Agricultural Sciences, he is using his summer to conduct research on garlic at laboratories in Penn State's College of Agriculture.

"I'm fascinated by the insecticidal properties of garlic, which has been used as a natural insect repellent for centuries in Japan," Miller said. He is measuring garlic's toxicity on fruit flies and comparing its effectiveness to that of other pesticides.

Miller, a junior at Cheltenham High School near Philadelphia, is one of 64 talented Pennsylvania high school students attending the Governor's School. As part of their studies, the scholars conduct an independent research project in a subject of their choosing. Faculty experts serve as mentors for the students.

Working together is a valuable opportunity for both the scholars and their mentors. The students have the chance to use professional research techniques before graduating from high school, and the mentors have an opportunity to nurture and encourage a new generation of scientists.

Miller's mentor is Penn State assistant professor of entomology, Ed Rajotte, whose research focuses on insect control in fruit crops. Ralph Mumma, distinguished professor of chemical pesticides, assists Miller with distilling and extracting garlic's most active chemical, allicin, from freeze-dried bulbs. Miller and Rajotte, with the advice of assistant professor of entomology Diana Cox-Foster, then test allicin's toxicity on fruit flies and the yeast they eat.

Miller's research at the Governor's School continues work he has done over the last two years at Cheltenham High School, where he conducts independent research as an honors science student. His previous work has won awards at regional and state high school research fairs.

"Michael already has the technical background and laboratory experience," Rajotte says. "I'm helping him to ensure scientific accuracy and to present his findings in the standard scientific format, but the basic idea and research is his. I'm very impressed with the caliber of Michael's work and that of the other Governor's School students."

Miller, the son of John and Adele Miller of Elkins Park, will continue his garlic research when he returns to Cheltenham High School this fall, and possibly beyond. He plans to major in biochemistry or environmental sciences when he attends college.

Overseeing all 64 of the independent projects is MeeCee Baker, an agriculture teacher at Greenwood High school who is working with the Governor's School this summer while continuing her Ph.D. studies in agricultural education. She has found the experience invigorating.

"It's thrilling to see the enthusiasm and zeal of the students as they work on their projects," said Baker. "The emphasis in agricultural education is shifting from production agriculture to agricultural science, and overseeing these projects is helping me develop a more visionary approach to what I'll be teaching in my own agriculture classes."

In addition to their independent study projects, Governor's School students take core classes such as farm animal welfare, genetics, and economics issues in agriculture. They also choose from electives including aquatic ecology and physics of food processing.

Penn State's extensive teaching and research facilities ensure easy access to classrooms, computers, libraries, laboratories, and more. The Scholars even stay in a university residence hall.

The Governor's School for the Agricultural Sciences is sponsored by the Pennsylvania Department of Education, the state's intermediate units, and Penn State's college of Agriculture. Pennsylvania Governor's Schools also are offered in the arts, sciences, business, education, and international studies. Questions about the Governor's School for the Agricultural Sciences should be directed to Julie Baker at (814) 865-7521.

Tour To Explain Disease And Insect Control

UNIVERSITY PARK, Pa. — Each year plant pests destroy a third of all agricultural crops in the United States. Learn how Penn State researchers are working to thwart these threats during the Disease and Insect Control on Agricultural Crops research tour at Penn State's Ag Progress Days.

Specialists from the departments of entomology and plant pathology will present an overview of the importance of controlling these threats. The tour will examine the role of climatic monitoring in predicting insect and disease outbreaks, as well as the use of biological control agents such as natural predators and genetically altered bacteria. The tour also will feature visits to research plots of alfalfa and soybeans, where Penn State specialists will evaluate the condition of the plants and suggest control strategies.

The Disease and Insect Control on Agricultural Crops tour will be held Thursday, August 16 at 10 a.m. and 1:45 p.m. at the Russell E. Larson Agricultural Research Center. Tickets are available free at the corn crib before the tours. The bus will depart from the corn crib.

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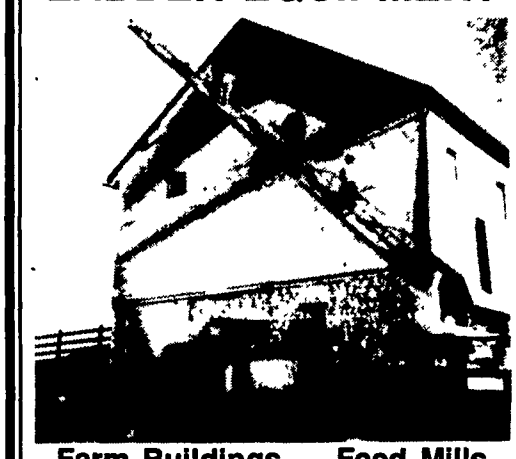

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ROLLING ON...IN THE 90's

Brillion

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Better Seedbeds...Better Stands!

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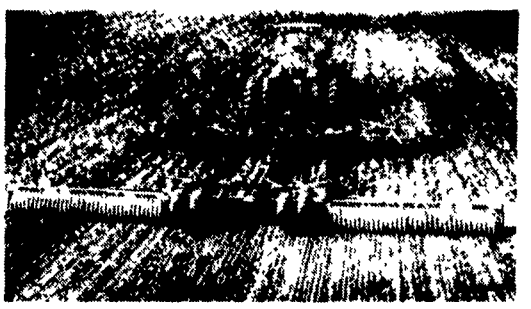
P10 PULVERIZERS

P10 SERIES TRANSPORT CONCEPT Brillion's transport concept is new to the industry. Machine weight is hydraulically rotated over the wheels for transport. This reduces drawbar hitch weight considerably and provides ample clearance for transporting. 10 ft. thru 16 ft. AVAILABLE WITH 20" DUCTILE WHEEL.

X-FOLD PULVERIZERS



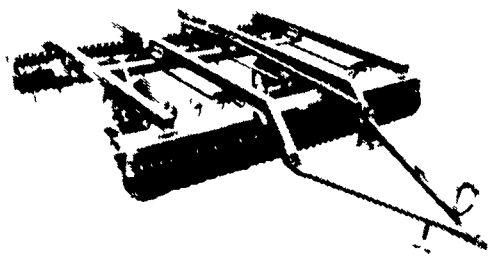
The X-Fold pulverizewrs are designed to meet the needs of today's larger acreage farmers and Brillion offers them in two models and 11 sizes from 19' through 36'

XXL PULVERIZER

NEW

The XXL is designed to match large-sized tillage tools. Working widths are 38, 40, 42, 44 and 46 feet, yet the XXL folds down to only 16 feet 5 inches for transport. Brillion's lighter weight, **20-inch ductile iron roller wheels** make it possible to widen the machine without drastically increasing the weight.

ML SERIES PULVI-MULCHERS

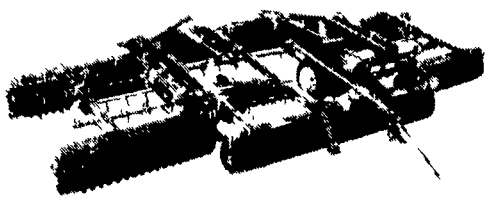


PULVI-MULCHERS Build a firm clod-free seedbed — one that lets all the seeds germinate at one time. 12 ft., 13 ft., 8" & 15 ft. **Available w/20-inch ductile iron roller wheels.**

20 INCH DUCTILE ROLLER WHEELS

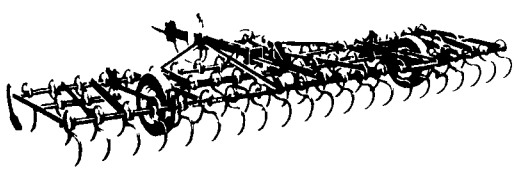
The fact that Brillion leads the industry in the sale of Pulverizers and Pulvi-Mulchers is because all Brillion Roller Wheels are made in Brillion's own modern foundry This directly affects the cost and quality of these machines and gives. Brillion a considerable advantage over the competition Brillion's newest design, a 20", six spoke ductile iron notched wheel, carries a **FIVE-YEAR LIMITED WARRANTY AGAINST BREAKAGE.**

WLS PULVI-MULCHERS



The latest example of how Brillion has met the challenge of the earth and the competition. The front rollers break up surface clods. "C" shaped ribbon teeth or "S" spring tine teeth break up the soil to 6" in depth and pulls clods to the surface. 21 ft. 8", 25 ft. & 30 ft. **Available with 20-inch ductile iron roller wheels.**

SPRINGTOOTH HARROWS with "INSTANT" TRANSPORT

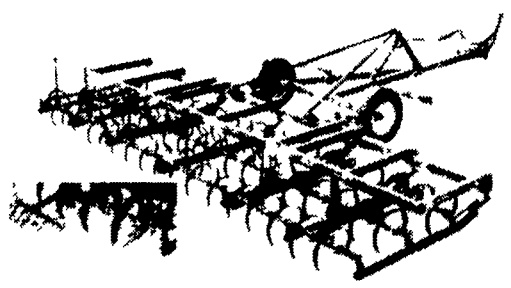


STS and STR series have low profile design with heavier tooth mounting bars, longer wheel wells and PRE-SET depth control STR models have "C" shaped or ribbon teeth. STS models are equipped with spring tines. 8 to 20 ft.

88-INCH PULVI-MULCHERS

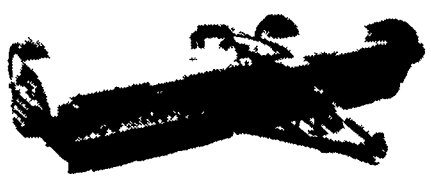
This 88" Pulvi-Mulcher was originally designed for the European market, to meet transport limits. However, this new width has found a home among American operators who have limited width requirements.. like truck farmers, nurserymen, fruit and vegetable growers.

CART HARROWS



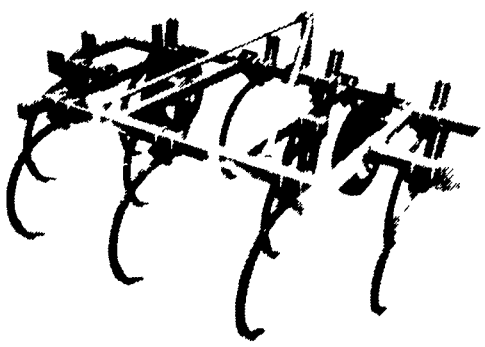
CART MOUNTED HARROWS Allows each section of the harrow to follow the contour of the ground but also has a cart that converts the machine for easy transport. 16 ft., 20 ft. & 24 ft.

FLAIL SHREDDERS



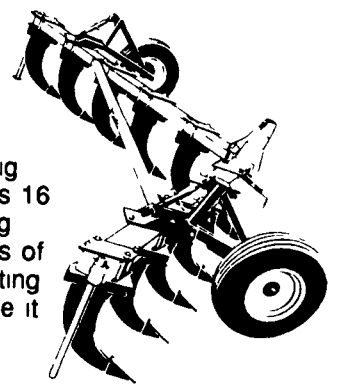
FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime. 12 ft. & 15 ft.

MOUNTED CHISEL PLOWS



The CPP series of mounted models enables you to turn short and fast... to transport easily, utilizing your tractor's hydraulic system. 7, 9, 11, 13 or 10, 12, 14, 16 ft.

SUB-SOILERS



The husky, curved shanks of the Sub-Soiler dig down as deep as 16 inches, shattering compacted layers of plow sole and lifting the hardpan while it is being broken. 3, 5, 7, 9, 11 shanks.

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The "Quality Crafted" Line

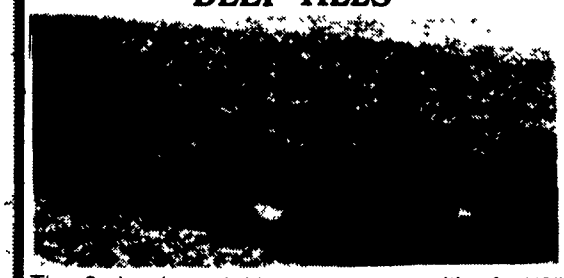
Better Seedbeds...Better Stands!

ROLLING ON...IN THE 90's

Brillion

MEETS THE CHALLENGE

DEEP TILLS

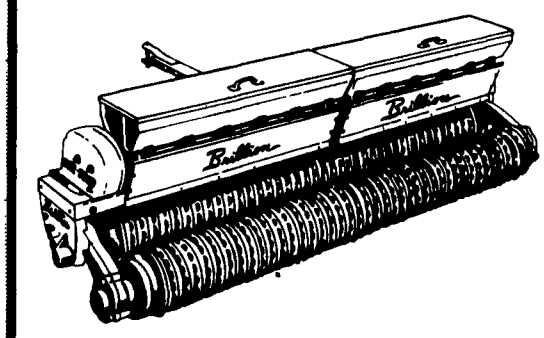


This 9 shank model has a cutting width of 11'3" and is fitted with the optional drawbar hitch. It is equipped with the coulter gang assembly, which has 10" vertical adjustment Shanks are set at 15" spacing but may be converted to 30" spacing by raising the rear row of shanks Depth is controlled by hydraulic gauge wheels

3-SHANK DEEP TILLS

The three, shank model, shown above, has a Category II hitch With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers "

AG SEEDERS



SURE-STAND SEEDERS Get robust, productive stands every time by pulling the seed into the ground where it belongs Saves up to 50% on seed costs. 5 ft., 8 ft , 10 ft & 12 ft

NEW BRILLION SS10 SEEDER NEW
The Best - Just Got Better

Brillion has long been known for building the best agricultural grass seeder on the market. With the new SS10, the best just got better. Improved design throughout from frame to the transport system to the larger capacity box to all the options needed to suit your operation.

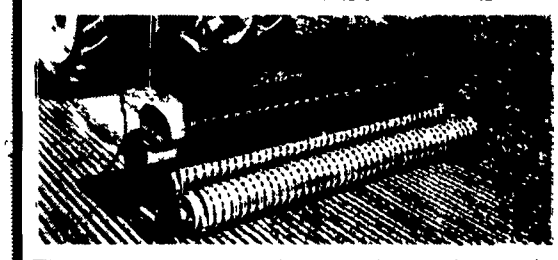
Basic Standard Machine Includes:

- Meter Seed Box
- Rims For 760x15 Tires
- Hyd. Transport Including Hyd. Cyls and Hoses To Tractor
- New Box Drive (No Center Gears)
- Heavy Duty Drawbar With Balanced Hitch Clevis
- Tongue Jack
- Bolted Micro-Meter (No Roll Pin)
- Glass Filled Nylon Seed Meters Face Operator With Rotation Indicator Decal On Shafts

Optional Equipment:

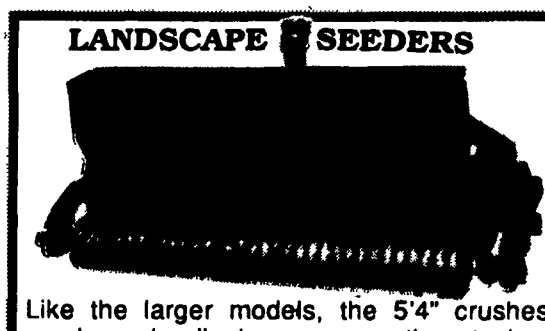
- Agitator Box
- Deep Front Wheels
- S-Tine Track Remover Kit.
- High Speed Sprocket Doubles Speed Rate Output
- 7D 185 Acre Meter
- Rims for 9.5Lx15 Tires
- New 760x15 or 9.5Lx15 Tires

TURF MAKER SEEDERS



This Brillion specialty seeder utilizes the same world famous seeding method made popular by the "Sure-Stand" agricultural model grass seeder. Variations in seedbox capacity and seed metering mechanisms make these the ideal seeder for special requirements of professional landscapers, turf and sod raisers. 10 ft.

LANDSCAPE SEEDERS



Like the larger models, the 5'4" crushes, seeds and rolls in one operation, tucking seeds in the top ¼ " of the soil... in a firmed clod-free seedbed that gives thick, even stands at greatly reduced seeding costs. The shallower seeding depth is just right for controlled moisture and growth conditions.

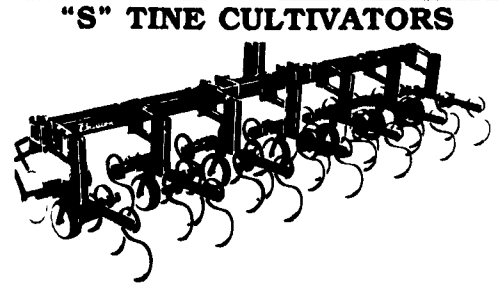
SOIL BUILDERS

SUPER SOIL BUILDERS Expanded frame for residue flow-thru without plugging. Coulter gang can be hydraulically controlled to save maintenance dollars. 5, 7, 9, 11 & 13 shank.

SOIL GROOMERS

Main illustration shows 12-foot Soil Groomer with spike drag harrows. Inset photo shows new disc arrangement with 18" dia. discs that move soil inward to reduce ridging. Scrapers are adjustable. 12 to 30 ft.

"S" TINE CULTIVATORS



The "S" tine has a four-way tooth movement that is designed for high speed cultivation in conjunction with chemical weed control The spring tines perform well in dry or wet soil, even in rocky ground. The vibrating tines not only kill weeds, but also mulch the soil and level the ground. 4, 6, 8 & 12 row.

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Polypay Sheep Go At Sale

UNIVERSITY PARK (Centre Co.)— There was a large consignment of Polypay sheep at the Keystone stud ram and ewe sale held at Penn State University July 6 and 7. Twenty-seven Polypays sold with rams averaging $285 and ewes averaging $241.

Lane's End Farm of Jersey Shore, captured the champion ram, reserve champion ram, and champion ewe honors. The reserve champion ewe was consigned by Don and Sandy Williams of Defiance, OH.

Robert Hayden of Monongahela, purchased the champion ram for $500. Don Short of Archbold, OH, purchased the champion ewe, the reserve champion ewe, and the reserve champion ram.

Other consignors selling Polypays at the Keystone Sale were Beechwood Farm of Hershey; Carberry Hill of Cheswick; Sheeder's Polypays of Somerset; Michael Spangler of Arlington, OH; and Mary Unfried of Delta.

Don Williams, left, won reserve champion ewe at the Polypay sheep sale. Ed O'Shea, Lane's End, won champion ewe.

Ed O'Shea, Lane's End, left, won champion ram. Jan Motter, Lane's End, picked up champion ram honors at the Polypay sheep sale.

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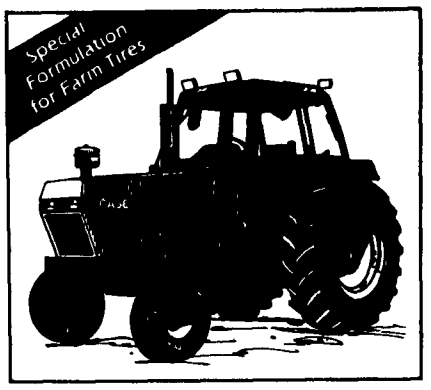
STS® IS AN ADVANCED FIBROUS CHEMICAL COMPOUND THAT



- **WILL SEAL** PUNCTURES UP TO 3/16"
- **WILL STOP** SLOW LEAKING TIRES CAUSED BY RUBBER POROSITY
- **WILL SEAL** RIM AND BEAD LEAKS
- **WILL MAINTAIN** CONSTANT RECOMMENDED AIR PRESSURE
- **WILL PREVENT** TIRE AND TUBE-ROT
- **WILL NEVER** HARDEN OR DRY OUT IN THE TIRE
- **WILL NOT** CORRODE RIMS OR WHEELS
- **WILL MAKE** A PERMANENT, SOLID REPAIR
- **WILL LAST** FOR THE LIFE OF THE TIRE

HOW DOES STS® WORK?

A **permanent,** effective petroleum based tire sealant that contains thousands of fibers which, when used as a **preventive,** will seal punctures instantly **as they occur** and can also be used as a do-it-yourself **tire repair.** When a puncture occurs, the escaping air forces the carrier and fibers to the penetration, making a solid, **permanent** repair from the inside — out. Use in **tube** and **tubeless** tires.

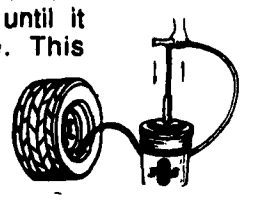
Rim and bead leaks and chronic slow leaking tires caused by porosity problems with tubeless innerliners will also be sealed quickly and effectively.

HOW IS STS® INSTALLED?

This extremely effective sealant is easy to install either in the shop or on the job.

To install 8 oz. cartridge with caulking gun... Remove valve stem core. Cut off end of plastic tip on ¼" mark. Place tube in caulking gun and slip spout over valve stem. Force sealant into tire with caulking gun. Replace valve core and inflate tire to recommended pressure. **(Note - any blunt object such as a hammer handle can be used to push plunger instead of a caulking gun).**

To install from a 5 gallon pail with the hand pump... Remove valve stem core. Connect the hose assembly coupler to the valve stem. Pull up on pump handle until fully extended. Push down on pump handle until it rests solidly on pump base. This delivers 8 oz. of STS®. Remove coupler from valve stem. Replace valve core and inflate tire to recommended pressure.



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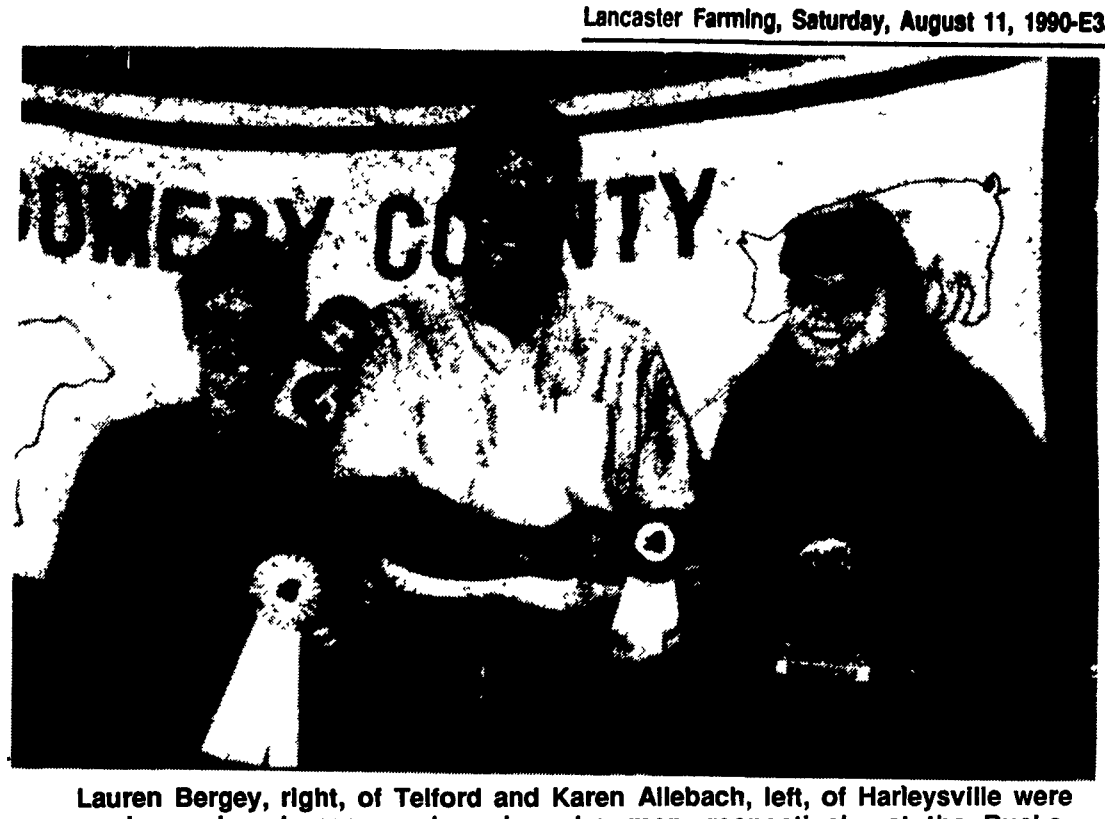
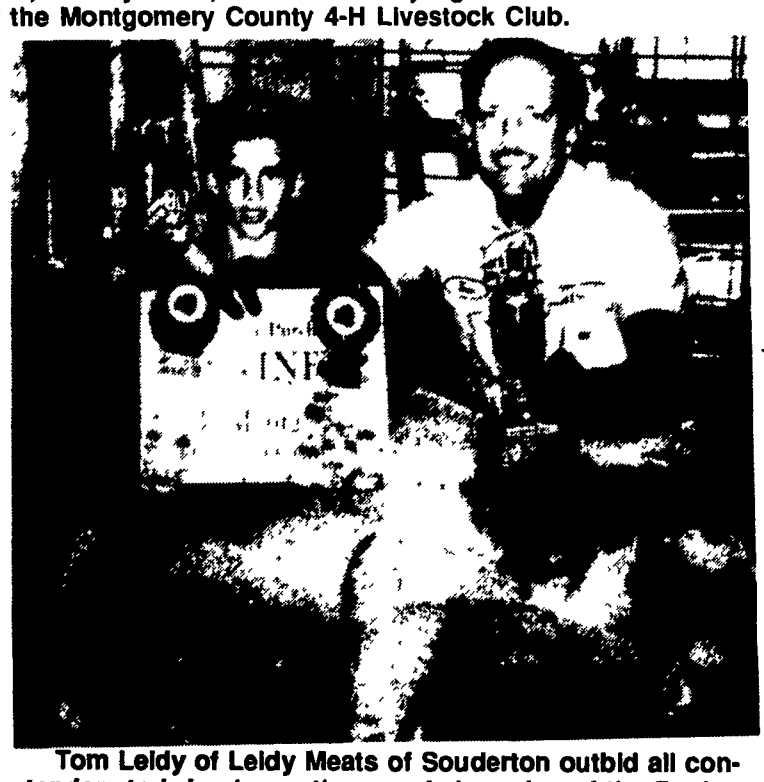
Bucks/Montgomery Fair Has 4-H Swine Show

Hatfield Quality Meats, represented by Jerry Clemens, was the proud buyer of the Montgomery County champion shown by Brian Mentzer of Royersford. Hatfield paid $1.90 per pound for the animal, which was also named reserve grand champion overall at the recent Bucks-Montgomery 4-H Swine Show. Brian is a member of the Montgomery County 4-H Livestock Club.



Lauren Bergey, right, of Telford and Karen Allebach, left, of Harleysville were named grand and reserve champion showmen, respectively, at the Bucks-Montgomery 4-H Swine Show and Sale in Quakertown. Pictured with the award winners is Ted Teaford of Bath, Pennsylvania, who served as judge for the event. Both winners are members of the Montgomery County 4-H Livestock Club.



Tom Leidy of Leidy Meats of Souderton outbid all contenders to bring home the grand champion of the Bucks-Montgomery 4-H Swine Show and Sale held recently at the Quakertown Livestock Auction. Eric Lachman of Doylestown showed the animal to top honors and received $3.20 per pound from Leidy's.

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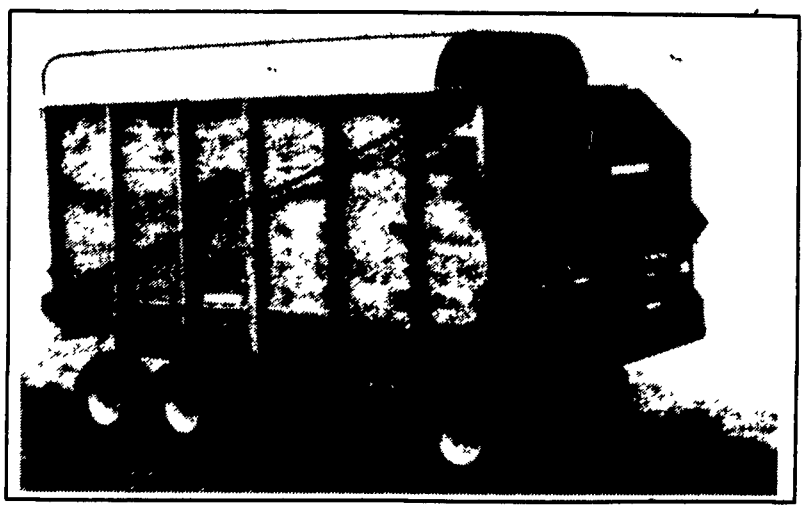

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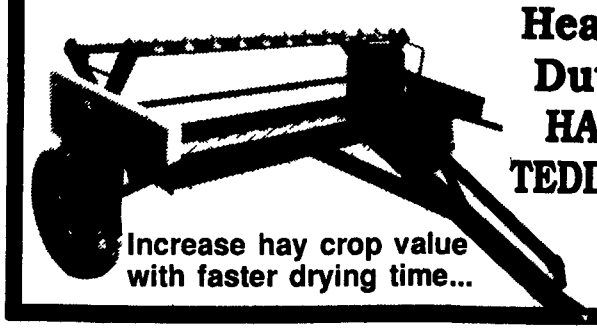
ZIMMERMAN RUGGED HEAVY DUTY WAGON GEAR

Models: 06 - 08 - 10 - 12 Tandem - 14.5 Tandem



Heavy Duty HAY TEDDER
Increase hay crop value with faster drying time...

See This Equipment On Display During AG PROGRESS DAYS
Located W. 3rd Street
Contact Us For Literature & Prices!

What Do You Need?

Master Mill™ - Farm Size Milling System
GSI — Grain Drying and Storage Bins, Wet Tanks, Super Structures, Drying And Aeration Fans, Feed Tanks, Augers.
MIX-MILL Auto. Feed Processing Systems Large Selection Of Parts In Stock
Sweet Bucket Elevators Drag Conveyors
Baldor Farm Duty 1 & 3 Phase Motors
Roskamp Mfg. Inc. Silage & Feed Roller Mills
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Hutchinson Transport Augers, U-Troughs, Distrib. Augers, Grain Cleaners
Sukup Grain Drying Equip. Aeration & Drying Fans
Shivvers Grain Drying Equipment
aps Heavy Duty 4" - 6" - 8" - 10" Augers And Accessories
Honeyville Bucket Elevators

We Not Only Give You What We Have But What You Want

WE CUSTOM MANUFACTURE:
Painted, Galvanized, and Stainless Steel Fabrication, Feed Bins, Feeders, Hoppers, Covers, Dump Pits, Augers, and Control Systems to Automate Your Operation

All At
automatic farm systems
608 Evergreen Rd., Lebanon, PA 17042
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Snyder Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

BREED CODES:

1	Ayrshire	5	Brown Swiss
2	Guernsey	8	More Than One Breed
3	Holstein	G	Grade
4	Jersey	B	Grade and Registered

June 1990
Rolling Herd Average

name	Brd.	No. Cows	% Days in Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Tim-Laurie Hackenberg	3	46.5	91.9	21,052	806	689
D&N Hornberger	B3	30.5	87.2	20,932	681	676
Jesse J Yoder	B3	74.6	90.2	20,568	766	674
Mabarbil Farms	3	87.1	88 9	19,814	723	657
JL & CL Shaffer	3	35 8	88 6	19,992	793	656
Sauderdale Farm	B3	52.8	88.9	20,235	822	654
Chriss+Trish Nipple	B3	52.5	91.4	19,873	763	654
George Stoltzfus	B8	36.2	86.9	20,301	741	645
Alan R Narehood	3	29.7	87.2	18,990	774	637
Randolph A Hoffman	3	34.7	83.3	20,191	727	636
HL Narehood & Sons	B3	55.5	90.9	19,081	792	621
Pasture Green Farm	3	34.8	86.5	19,702	725	620
Glenn & Barb Carper	B3	58.4	85.7	19,554	717	618
Fisherdale Farm	B3	69.8	90.7	18,364	714	612
Sheldon&Sue Shaffer	G3	31.7	85.6	18,416	645	597
Seven Oaks	3	37.9	84.6	19,106	681	595
Kenneth Alderfer	B3	39.8	82.3	18,657	646	588
Ronald B Reich	3	31.9	92.2	18,055	616	585
Joseph & Grace Blank	B3	54.8	83.2	17,813	664	579
David Apple & Son	B3	59.2	85.7	17,890	696	571
Michael&Mary Hauck	B3	63.6	86.6	17,963	679	562
Albert Heimbach+ Sons	G3	138.9	88.6	17,532	597	562

NORTHUMBERLAND COUNTY DHIA

June 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days in Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Fred & Tom Strouse	B3	62.0	89.6	23,266	868	715
RMD Shultz Farms	B3	89.9	88.8	21,479	797	698
Shoch Manor Farms	B3	72.3	91.8	20,615	779	677
Truckenmiller Farms	B3	75.1	88.5	19,520	753	633
Brent Buckwalter	3	105.6	84.2	19,011	679	623
Jerry Smith	3	52.7	85.0	18,520	695	609
Garvin Schaffer	B3	35.5	85.7	18,185	633	583
Lloyd B Zimmerman	G3	115.4	88.4	17,706	673	578
Wayne Klock	B3	36.0	89.0	16,906	615	576
Clayton H Swartz	B3	34.0	86.9	17,452	667	572
Luke N Rebuck	B3	44.5	90.7	18,063	700	568

THINK $780.00

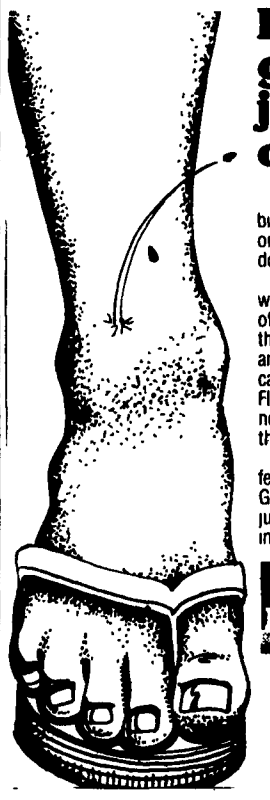
1990 BARN PAINTING
Latest Developments

1. **PREPARATION** - High volume water blasting at 1,000 lb. pressure re-surfaces barn siding into a smooth (like new) appearance!
   a Performed by professionals quickly at reasonable cost.
   b By yourself with your own or rented equipment.
   c. Or other more conventional methods.
2. **APPLICATION** - To insure better adherence to this super prepared surface, use the best fine bristle brush in four directions to evenly distribute the recommended mil thickness of seal coat coverage.
3. **SPECIALIZATION** - Every barn is different but generally it's best to use a high quality mildew resistant product, specially formulated to meet the requirements of this partially weathered wood that was and will be weather stressed.
4. **WARNING** - The modified oil latex is less effective as a wood preserver and actually increases nail & metal deterioration. Deal with home people. At their rates, I could double mine.

Estimates Evaluations Latest Equip.

BRUNING PAINT

PHARES S. HURST
RD 1 - Box 503, Narvon, PA 17555
Misplaced your name and phone number. Please call again.
215-445-6186



Ehrlich gets the jump on fleas.

Fleas feed only on blood Prior to biting humans, they may have fed on skunks, rats, or deer Fleas don't care

Adult fleas can go two years without a meal, but prefer to eat often They usually bite humans on the legs, but will jump onto beds and chairs if given a chance This can be more than just irritating Fleas are among the most notorious disease carriers in the world

Allowed to roam your home, one female flea will lay about 450 eggs Get the jump on fleas before they jump on you Call Ehrlich for a free inspection, no obligation

Ehrlich **The Bug Stops Here.** *Since 1928*

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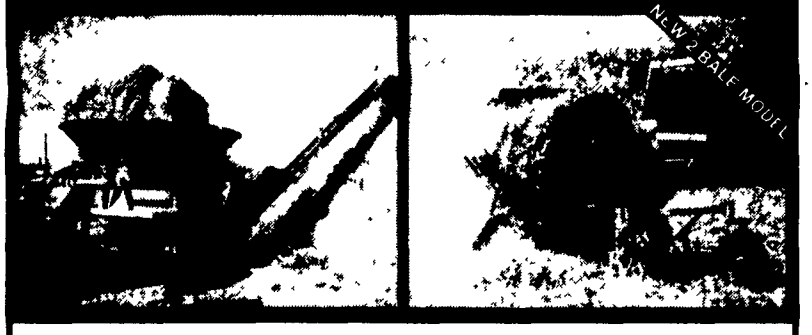
HAYBUSTER
OF SOUTH DAKOTA, INC.

ATTENTION CATTLEMEN



Two Solutions to Making Your Feed Dollar Go Further.

The Haybuster Portable Tub Grinders and Big Bale Buster.

TUB GRINDERS
- — 24 yrs. grinding experience
- — 2 models to choose from
- — Grind all types of hay & grain
- — high capacity for minimal grinding cost
- — makes poor quality hay more palatable

BIG BALE BUSTER
- — aggressive flails shred up round bales
- — reduce waste
- — 3 models to choose from
- — one man feeding system
- — for feeding and bedding

For more information, see your nearest Haybuster dealer.

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All Panels Cut To Length - Coverage 36" Width

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29 Gauge Galvanize	29 Gauge Painted
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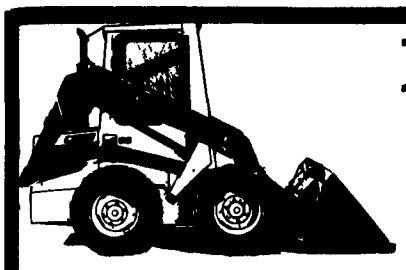
STANDING SEAM ROOFING

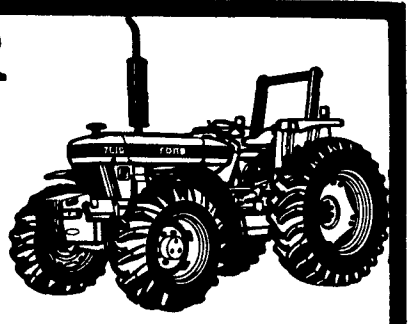
Manufactured at the job site. Suitable for flatter roofs with 4 to 5 ft. perlin spacing and 80 lb. per sq. ft. weight rating.

We Also Stock The Following Items:

- Pre-Hung Doors
- Agri Build Windows
- Roll Door Track
- Ridge Vents
- Ridgolators
- Trolleys and Hardware

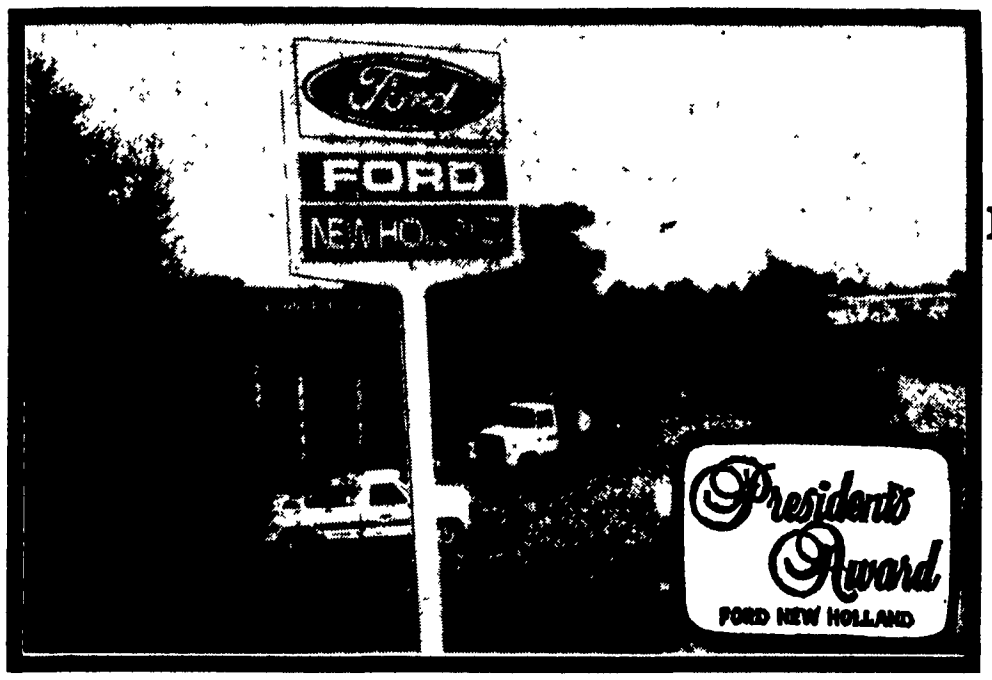


LANCASTER FORD TRACTOR
UNDER THE
SIGN OF QUALITY



Quality Genuine Replacement Parts

Quality Factory Trained Mechanics. Means Quality Service For You.



Quality Ford New Holland Equipment

- Lawn & Garden
- Farm
- Industrial
- Skid Loaders
- Mowing Equip.
- Landscaping Equip.

LANCASTER FORD INVENTORY REDUCTION SALE

Plus

FORD NEW HOLLAND PROGRAMS

Equals

BIG BIG SAVINGS FOR YOU

GO FORD AND SAVE!

BUY NOW AND SAVE ON A TOUGH FORD TRACTOR

FINANCE AS LOW AS 0.0%

Financing for qualified buyers can be arranged through FMCC as low as 0.0%
Model Tractor & Terms of contract will vary APR Rate

OR

WAIVER FINANCING

Pay No Interest or Payments until 1991 for qualified buyers

OR

CASH REBATES

Choose to pay Cash or arrange your own financing and save BIG BUCKS!

Lawn & Garden

8 HP LT w/38" Mower
12 HP LT w/38" Mower
12.5 HP YT w/38 or 42" Mower
16 HP YT w/42 or 48" Mower
16 HP LGT Diesel w/48" Mower
18 HP LGT w/42 or 48" Mower
14 HP LGT Diesel w/48" Mower
Hand Mower - Snow Blowers
Garden Tillers

BIG CASH REBATES!

Farm Tractors

14.7 HP 1120 2 or 4 WD
17.0 HP 1220 2 or 4 WD
20.0 HP 1320 2 or 4 WD
23.0 HP 1520 2 or 4 WD
27.7 HP 1720 2 or 4 WD
33.3 HP 1920 2 or 4 WD
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38.0 HP 3430 2 or 4 WD
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55.0 HP 4630 2 or 4 WD
62.0 HP 5610 2 or 4 WD
72.0 HP 6610 2 or 4 WD
86.0 HP 7610 2 or 4 WD
95.0 HP 8210 2 or 4 WD
105.0 HP 8530 2 or 4 WD
121.0 HP 8630 2 or 4 WD
140.0 HP 8730 2 or 4 WD
170.0 HP 8830 2 or 4 WD

Industrial

3430 Golf Course LCG
4630 Golf Course LCG
345C Trac. Loader
345C Trac. Loader Backhoe
445C Trac. Loader
445C Trac. Loader Backhoe
455C Trac. Loader Backhoe
545C Trac. Loader
545C Trac. Loader Backhoe
555C Trac. Loader Backhoe
655C Trac. Loader Backhoe
755B Trac. Loader Backhoe

NEW 250C - 260C Industrial Tractors

Skid Loaders

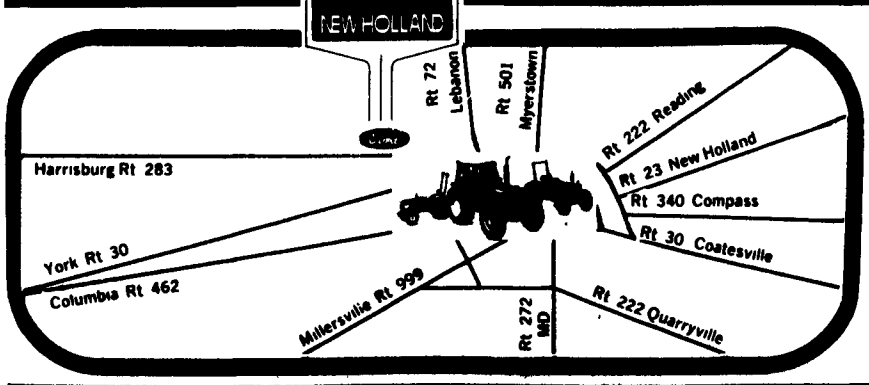
18 HP Model
250 Gas

31 HP Model
450 Gas or Diesel

42/49 HP Model
L550 Series
Gas or Diesel

50/75 HP L780
Series
Gas or Diesel

53 HP Model LB620
Diesel Powered
Articulated Loader-
Backhoe



LANCASTER FORD TRACTOR, INC.

YOUR LANCASTER COUNTY RELIABLES

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Phone (717) 569-7063

"We Eliminated Nearly 14,000 Pounds Of Fluid And Still Got Great Traction."

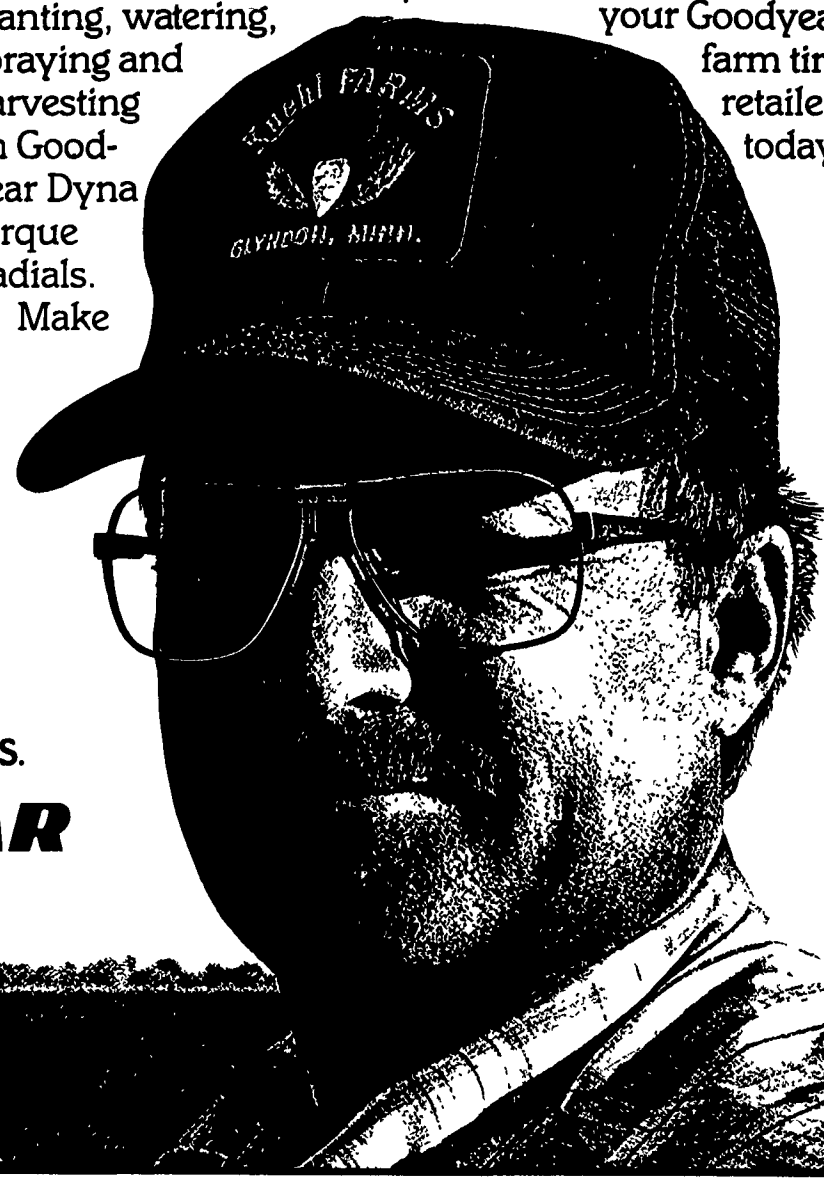
Bob Kuehl
Glyndon, Minnesota

Bob Kuehl is a row crop farmer in Glyndon, Minnesota. In order to get enough traction from his tractor during plowing, Bob had to add nearly 14,000 pounds of fluid to his bias ply tires. He got better traction, but the added weight increased his fuel consumption, and the time Bob had to spend in the field.

Luckily, his Goodyear retailer suggested that Bob switch one tractor from bias ply tires to Goodyear Dyna Torque farm radials.

That's all it took. Bob was able to eliminate excess fluid and get all of the traction he needed. He was so satisfied with the results, that all of his tractors now do tilling, planting, watering, spraying and harvesting on Goodyear Dyna Torque Radials.

Make your move to Goodyear farm radials. You'll spend less time in the field at lower overall costs than on bias ply rears. Contact your Goodyear farm tire retailer, today.



MAKE YOUR MOVE TO GOODYEAR RADIALS.

GOODYEAR

See your Goodyear Farm Tire Dealer

DYNA TORQUE II
The Hard-Working, Hard-Pulling Tractor Rear

- Excellent draw-bar pull with long-bar, short-bar lugs for improved traction
- Designed for improved stability and roadability, plus reduced vibration
- Strong, angle-braced lugs have self-cleaning design
- High strength polyester cord body and heavy-duty rim shield help protect tire from damage

$619.00 20 8 38 8 Ply tube type, 0 ply No trade needed

DYNA TORQUE RADIAL
Revolutionary High Traction Tread Design

- Three-lug per pitch design improves traction and ride
- Computer-designed "natural" shape casing improves tire body life
- Radial construction provides better traction, lower fuel and overall costs

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DYNA RIB
Four-Rib Front Tractor Tire

- Better mobility and more uniform pressure distribution than three-rib design
- Bead area protected by thick rubber shield
- Excellent flotation and mobility, smooth ride, uniform wear

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GOODYEAR GOLD STAR PIT STOP ON-FARM TIRE SERVICE

We'll fix it in the field! Just give us a call for tire repair or replacement.

DYNA TORQUE RADIAL NO-RISK OFFER

Buy a pair of Dyna Torque radials now. If, after 90 days from day of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque II bias ply tires of like size and ply rating and will credit you with the difference.
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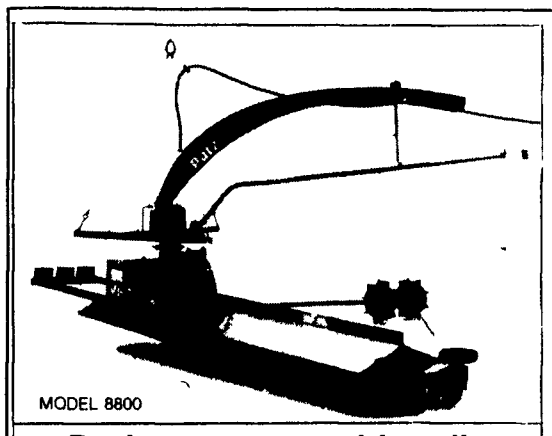
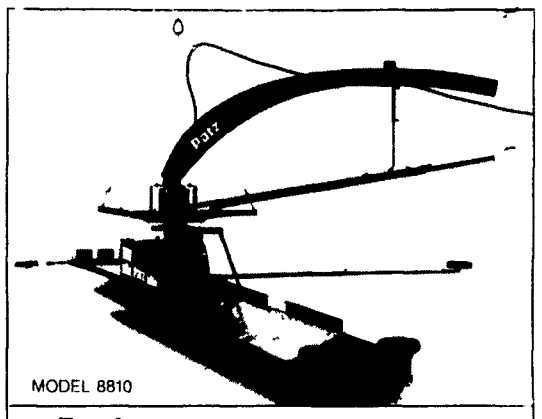
Visit Our Display At AG PROGRESS DAYS

Located On East 5th St.

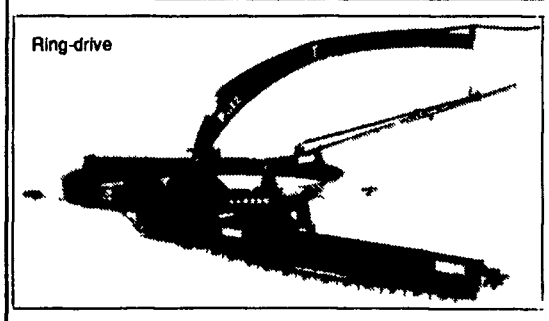
See The Following Equipment On Display:



Dual-auger center-drive silo unloader with Patz quality

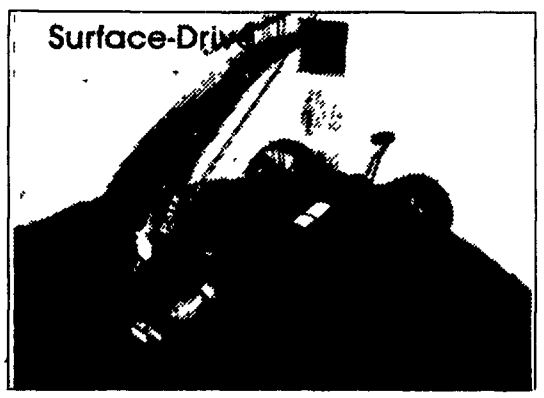


Dual-auger surface-drive silo unloader with Patz quality



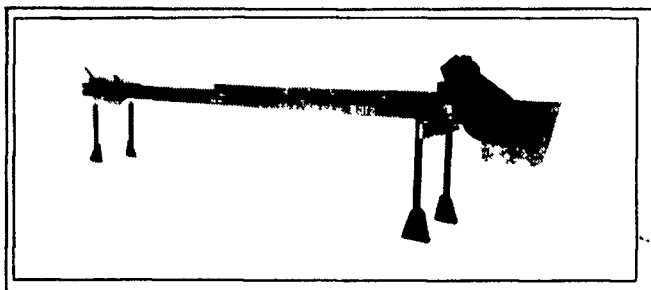
RD-820 RING DRIVE SILO UNLOADER

Both silo unloaders have a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.
*** Silo Unloaders and Gutter Cleaners**



98B SURFACE-DRIVE SILO UNLOADER

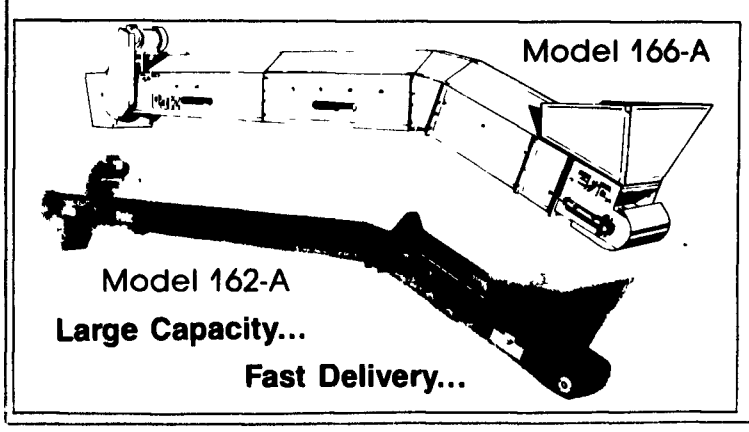
Silo Unloader To Fit Your Performance Needs



Model 8912 and 8916

Low-cost conveyor

Model 262 Conveyor

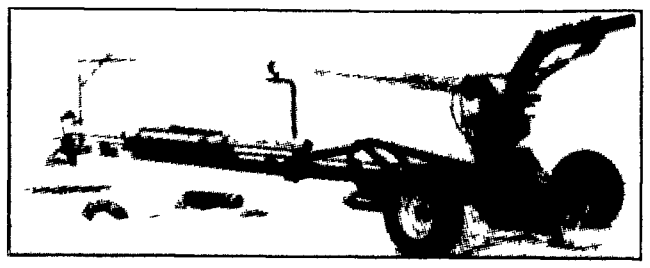


Conveyors

Ask about the full line of Patz Conveyors.

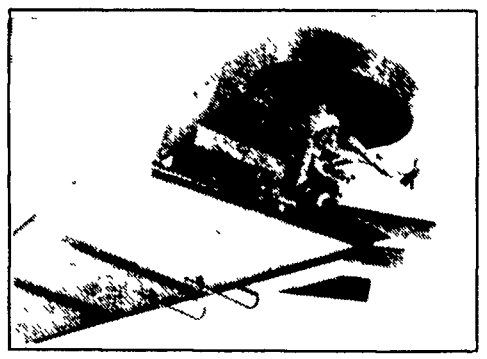
SAFETY! It's no accident

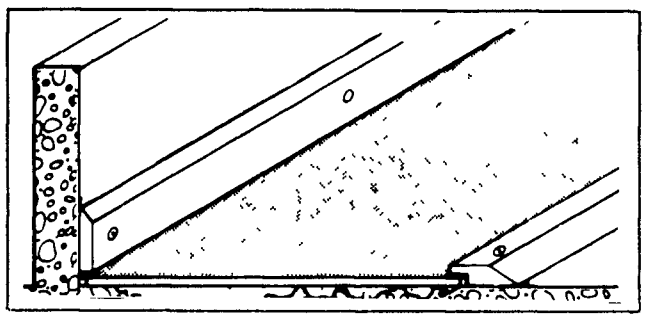
Patz



Model 477 Lagoon Pump

Model 400 Gutter Cleaner





Patz Gard Liner

For mangers, feed bunks, conveyors, slides, gutters and more.

Model 8700 Shuttle Feeder

See The New MODEL 9000 LIQUID TRANSFER SYSTEM In Operation!

SEE YOUR [illegible] DEALER

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POUND, WI
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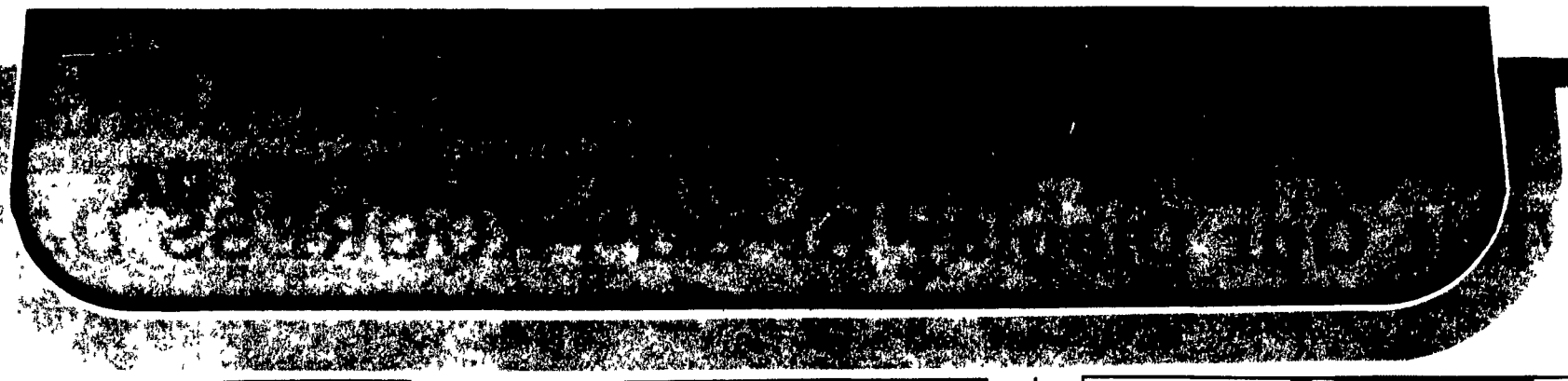
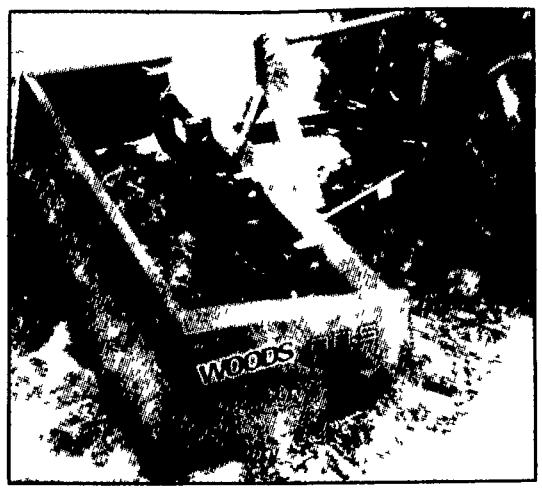
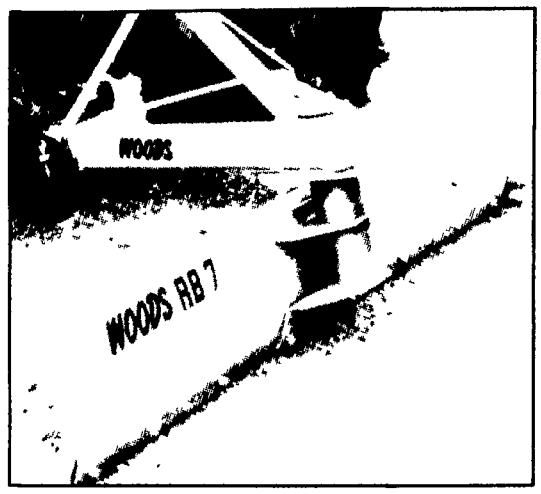
Dennis Skibo
717-664-2333
Jim Bilski
814-696-9447





...BOX IT
with WOODS rearmount box scrapers

Woods box scrapers are available in light duty, Model BB4, BB5 and BB6... and medium duty Models BB600 and BB700. Choice of 4 ft., 5 ft., 6 ft. and 7 ft. cutting edge for tractors rated 20 to 60 hp.

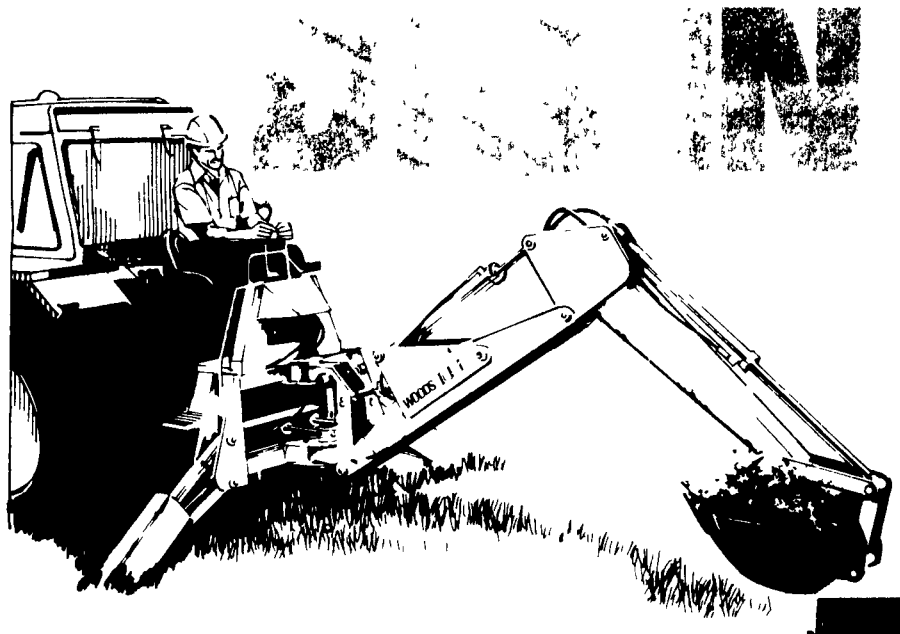


...PLOW IT
with WOODS standard duty rear blades.

Woods Model RB6/7 designed for tractors rated up to 40 hp or 4000 lbs. gross weight... Change angle, tilt, offset and reverse...for scraping, ditching and plowing.

...MOW IT
with WOODS rearmount lawn mowers!

If your tractor is in the 12 to 40 horsepower range there's a Woods RM for you.
Choose 4 ft., 5 ft., and 6 ft. cutting swaths...in belt drive models RM48, RM59, and RM306... or gear drive models RM400, RM500, and RM600.



...DIG IT
with WOODS backhoe

Woods model 1050 reaches 13'1" and digs 10'7" below grade with tractors rated 50 hp to 130 hp. Ideal for farming, light construction and landscaping. Other uses include golf courses, nurseries, utility companies and cemeteries... footings, wiring trenches, irrigation ditches, drainage ditches.. do them all and more. Woods model 1050 has the features that make the "on-the-job" difference.

Come in today for a demonstration.

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Built in America since 1947

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MASTER MIX

SILO-BOOSTER

REDUCING THE LEVEL OF NITRATE IN HEAT STRESSED CORN SILAGE

Why should you use Master Mix **SILO-BOOSTER** instead of another product? **SILO-BOOSTER** has been proven in 22 years of on-farm use, as well as in continuous university research. With each new discovery in silage science, we have improved the original formula. Today's **SILO-BOOSTER** gives the most effective silage innoculant yet developed.

Laboratory analysis of both treated and untreated silages confirms the increased production of lactic acid by the bacterial cultures in SILO-BOOSTER.

	SILO-BOOSTER TREATED	CONTROL
Lactic acid % (average of 11 measurements from day 1 to day 30)	2.35%	1.83%
pH (average of 11 measurements from day 1 to day 30)	3.98%	3.96%

While both silages showed very similar changes in total pH change; the SILO-BOOSTER treated silage contained more lactic acid. The homofermentive production of lactic acid by SILO-BOOSTER cultures reduces the potential for dry matter losses and the generation of excessive heat of fermentation.

COMPARISON OF SILO-BOOSTER TREATED AND CONTROL SILAGES

Fed To High Producing Dairy Cows
Conducted At The University of Wisconsin

	SILO-BOOSTER SILAGE	CONTROL	
Milk (Lb./day)	87.3	86.2	NS
Fat %	3.84	3.88	NS
Forage DM Intake (Lb./day)	26.97	29.99	**
Conc. DM Intake (Lb./day)	27.45	26.78	NS
Total DM Intake (Lb. day)	54.31	56.77	*
DM/Lb. Milk	0.65	0.69	**

N.S. - non significant, *<5%, **<1%
Statistics conducted on weekly totals.

SILO-BOOSTER treated silage was able to generate income per ton of forage feed. **With milk valued at $ .125 per pound; butterfat at $ .17 per point; forage at $ .045 per pound of dry matter, and the concentrate portions at $ .08 per pound; SILO-BOOSTER silage returned $4.90 for each $1.00 invested in inoculant.**

APPLICATION: 1 Lb. of **SILO-BOOSTER** per ton of Forage.
2 Lbs. of **SILO-BOOSTER** per ton of High Moisture Ear Corn.

Master Mix® CENTRAL SOYA

Add Feed Value To This Year's Silage By Reducing Costly Fermentation Losses

MASTER MIX SILO-BOOSTER AVAILABLE AT THE FOLLOWING DEALERS

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SNIDER'S ELEVATOR
Lemasters, PA 17231
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Williamson, PA 17270
(717) 369-3758

BIG VALLEY FEED & GRAIN
Belleville, PA 17004
(717) 935-2163

THURMONT COOPERATIVE
Thurmont, MD 21788
(301) 271-7321

MAUGANSVILLE FEED SERVICE
Maugansville, MD 21767
(301) 791-5288

SENSENIG FEED MILL
New Holland, PA 17557
(717) 354-4756

HOKE MILLS INC.
York, PA 17404
(717) 843-8889
Abbottstown, PA 17301
(717) 259-0609

ROSS H. ROHRER & SONS, INC.
Quarryville, PA 17566
(717) 786-3372

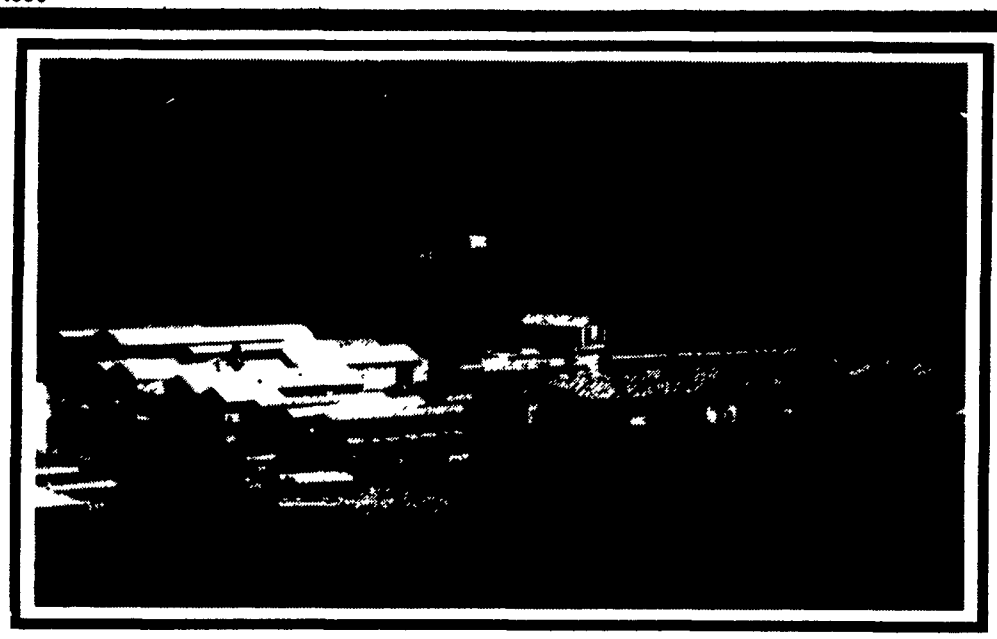
MIFFLINBURG FARMERS EXCHANGE
Mifflinburg, PA 17844
(717) 966-1001

RIGIDPLY RAFTERS INC.

RIGIDPLY RAFTERS, Inc.
701 E. Linden St.,
Richland, PA 17087
Telephone: 717-866-6581
Fax: 717-866-7237

MEMBER

TPI
Truss Plate Institute



RIGIDPLY RAFTERS, INC. Is Located In The Heart Of The Beautiful Lebanon Valley.

RIGIDPLY RAFTERS INC.

RIGIDPLY RAFTERS, Inc.
701 E. Linden St.,
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Telephone: 717-866-6581
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MEMBER
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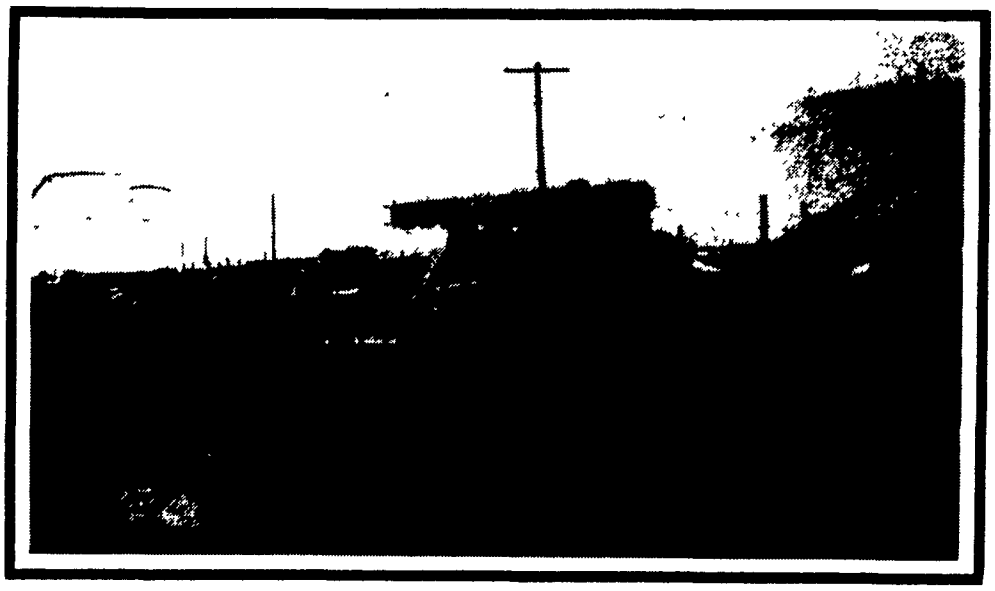
DIRECTIONS

Take Rt. 422 East From Myerstown, PA. Go 2 Miles To Millardsville Rd. And Turn Right. Go 1½ Miles Thru Richland To Stop Sign. Turn Left And Go 300 Yds. To RIGIDPLY RAFTERS, INC. On The Left.

Radio Dispatched



THANK YOU

RIGIDPLY RAFTERS, INC. Wishes To Express A Deep Appreciation To Our Customers For Their Interest In Our Products And For The Confidence They Have Placed In Us.

CANNON BALL

Sliding Door Hardware

Over Thirty Years Of Quality Service

Quality Roofing & Siding Panels By

FABRAL™

Precision engineered profiles and high strength metal make Fabral products the finest in roofing and siding panels. To retain its original beauty for years, painted panels have a baked-on finish. All accessories to complete building can be ordered with panels.

Alcan Building Products
Division of Alcan Aluminum Corporation

Cox
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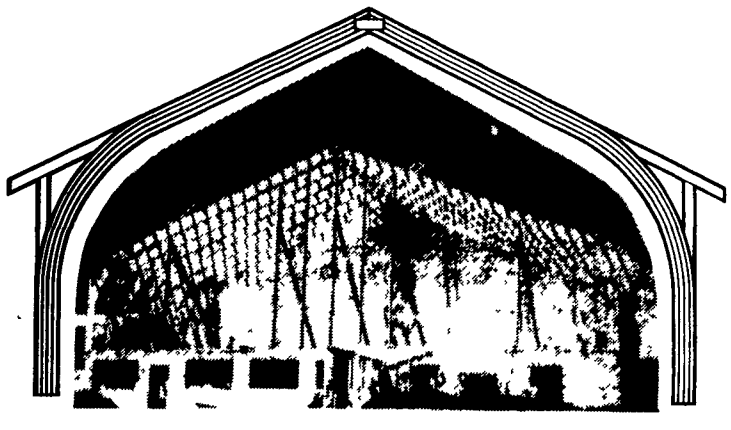
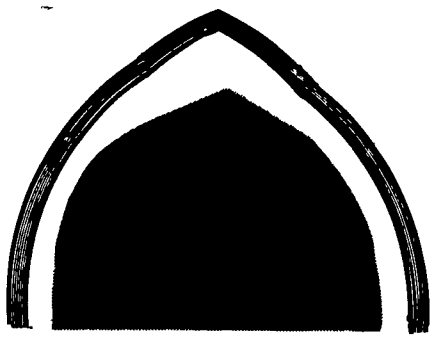
PRODUCTS WE MANUFACTURE AND STOCK

EQUUS STALL SYSTEMS

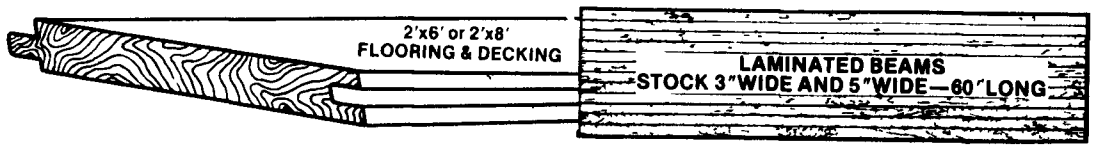


PLYCO

* Windows
* Doors
* Vents
* Kwik Frames

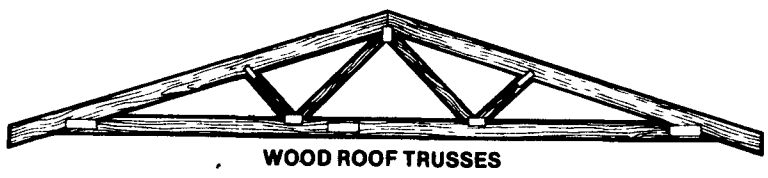


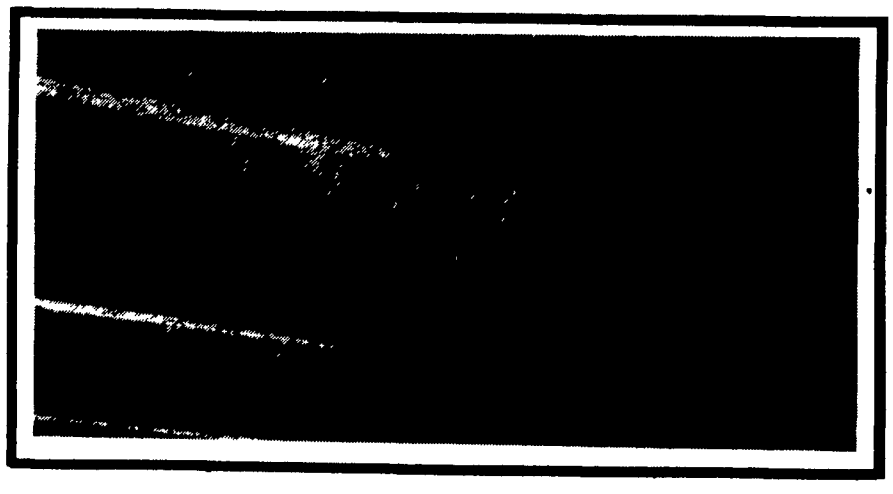
the REAL Laminated Post



Laminated* UNI/FRAME *Rafters

Laminated Gothic Rafters

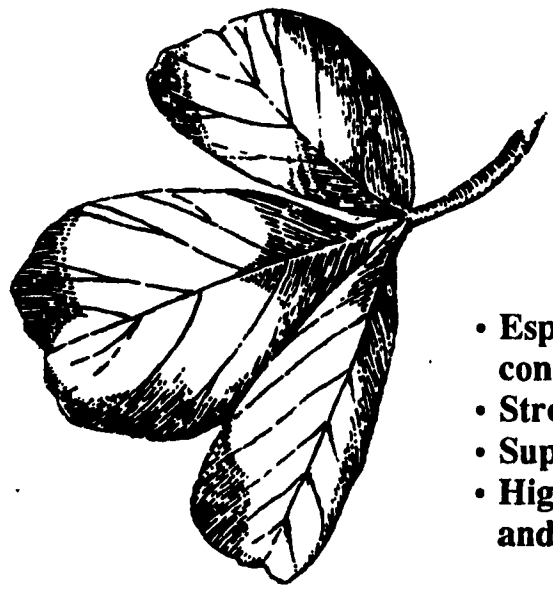




DEKALB-PFIZER GENETICS

New Release
DK-122

- New multi leaf variety
- Outstanding winter hardiness
- "State of the Art" multi pest resistance
- Verticillium wilt resistance
- Strong Phytophthora & Anthracnose resistance



DK-125

- Especially suited to Pennsylvania conditions
- Strong winter hardiness
- Superior recovery after cutting
- High resistance to Bacterial Wilt and Anthracnose

DK-135

- A top commercial variety in Pennsylvania university trials
- Verticillium wilt resistance
- Good anthracnose and phytophthora resistance
- Bred for long rotations
- Lush, leafy forage
- Fast recovery after cutting
- High leaf-to-stem ratio
- High tonnage producer

DEKALB-PFIZER GENETICS

Your DEKALB PFIZER GENETICS Dealer Or Agway Representative Has More Information — CONTACT HIM NOW

DEKALB-PFIZER GENETICS

For Fast Starting, Top Yielding, Winter Hardiness, Longevity And High Protein PLANT DEKALB ALFALFAS THIS FALL

DEKALB-PFIZER GENETICS

For More Information On High Yielding:

ALFALFA - CORN - SOYBEANS - SUDAX SORGHUM GRAIN

SEE US AT THE PA AG PROGRESS DAYS AUG. 14 — 15 — 16

"DEKALB" is a registered brand name. Numbers designate varieties or blends. As a condition of sale, please note statement of limited warranty and remedy on DEKALB-PFIZER GENETICS orders and tags.

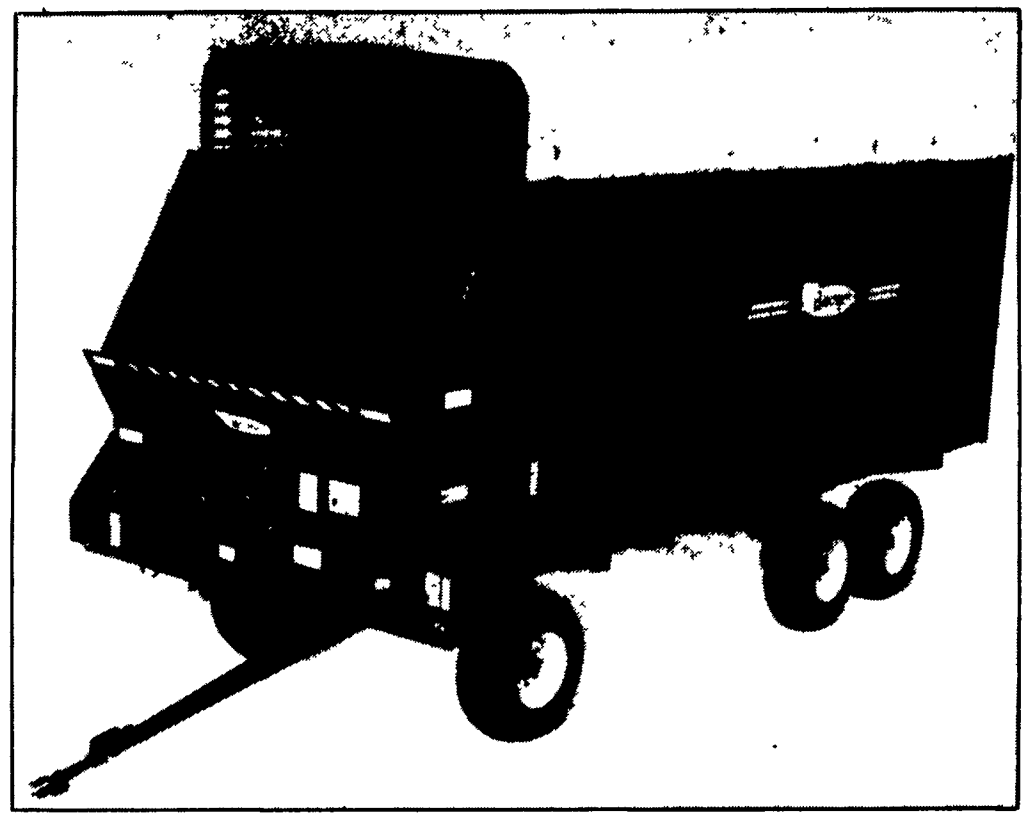
Badger
An Employee Owned Company

The Name Says It All!

Visit Our Display During Ag Progress Days - Located On East 3rd Street!

★ See The ALL NEW 1050 FORAGE BOX On Display! ★

Badger ADDS MORE STRENGTH, SPEED AND EFFICIENCY TO ITS NEW LINE OF FORAGE BOXES

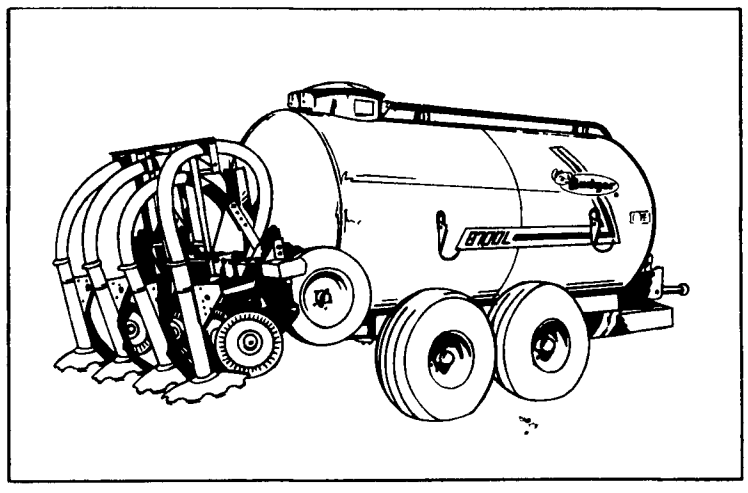


For Over 35 Years Badger Northland Has Been An Innovator In Forage Box Design And Development.

Waiver Of Finance Till April, '91, Or Low Rate Financing Available:
• 0% For 12 Mos. • 7.9% For 24 Mos. •8.9% For 36 Mos.

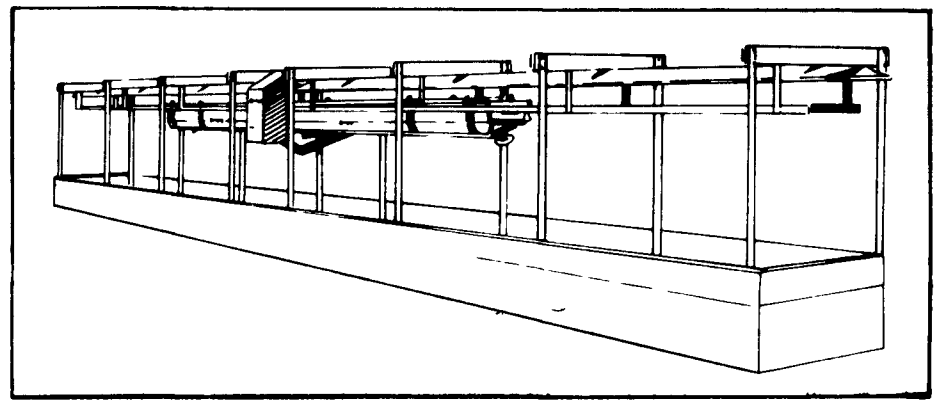
Stop By & Ask Us For Details!

Badger DISC INJECTOR



- Badger's exclusive patented design injects manure in a uniform ¼ "x22" layer under each injector shank
- Places manure in the plant root growth zone maximizing nutrient use by the crop
- No surface manure exposure substantially reduces nutrient loss and odor problems
- Perfect for minimum till operations since the Disc-injector loosens and aerates soil
- Retrofits any Badger injector as well as most competitive units

BN8900 Power Shuttle Feeder



The Simplest, Toughest Feeder You Can Buy!

- No feed conveying belts or chains
- Simple worm gear drive
- 14 gauge galvanized steel trough
- Fast, high-capacity feed distribution
- Ideal center charged replacement feeder unit

See This Equipment Plus More At AG PROGRESS DAYS - Located On East 3rd Street!

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(814) 684-1777

Badger
An Employee Owned Company

Chester Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

June 1990

The cow with high fat was owned by Daniel M. Stoltzfus.

The cow with high milk was owned by Richard Hostetter.

Rolling Herd Average

Name	Brd.	No. Cows	% Days in Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Sam Marian Stoltzfus	B3	35.8	87.0	22,552	738	724
Ken+Marilyn Umble	3	61.2	89.2	21,737	805	691
Dunwood Farm	3	55.7	88.5	21,559	839	690
Star Point Holsteins	B3	61.1	84.6	20,929	693	683
Timothy Barlow	3	94.4	88.4	21,539	780	677
H&R Mason	3	143.1	89.2	21,800	834	663
Arthur+Duane Hershey	3	66.1	84.6	20,701	728	660
Mark&Melody Stoltzfs	B3	60.3	84.4	20,844	788	660
Chris&Ches Stoltzfus	3	55.3	89.4	20,555	813	658
Herman Stoltzfus	3	50.5	88.6	20,702	779	657
David K Stoltzfus	B3	43.6	89.4	20,509	752	650
Floyd Miller & Sons	B3	76.7	84.7	20,197	753	648
Richard Hostetter	3	42.3	86.3	20,752	766	647
Dale Hostetter	3	53.1	87.1	20,634	781	647
Joseph Lusby	3	58.9	85.4	20,349	780	647
Robert A Miller	B3	40.9	87.3	20,271	759	647
Ardrossan Farms	1	121.3	86.7	19,141	793	640
Richard Hoover	3	87.6	86.8	20,009	723	640
John S Stoltzfus	3	73.0	88.4	19,744	767	635
Vernon Guest+ Sons	B3	98.3	89.6	19,382	759	633
Pei-Valley Farm	3	90.9	88.5	19,188	753	630
Joy-Wil Farms	3	138.0	82.7	18,922	714	629
Benjamin K Kauffman	3	45.6	91.6	20,270	725	628
Paul Martin	B3	64.8	85.1	19,601	720	627
Gerald L Kulp	B3	87.2	88.2	19,417	669	627
Robert+Sharon Nolan	B3	55.1	87.6	19,187	675	627
Martin Weaver Jr	3	35.5	88.9	19,602	699	627
Breck-A-De Farm	3	89.4	83.1	19,197	697	621
Leon D Kurtz	3	45.2	83.5	19,868	686	621
Merle J King	B3	96.9	87.5	19,513	707	620
Roy+Ruth Ann Bender	B3	61.0	83.9	19,497	708	618
John K Kauffman	B3	36.2	88.1	19,746	717	614
Amos K Kauffman	3	44.1	86.0	19,838	692	613
David F King	B3	62.0	87.7	19,159	702	610
Harold R Kulp	B3	76.0	88.5	18,798	679	609
Russ Hill Farm	B3	85.3	88.0	18,609	676	602
Kevin Stahlnecker	B8	47.1	88.0	18,255	726	601
Amos J Stoltfus	3	50.2	84.5	19,336	720	600
J Harold Bare	3	77.5	83.7	18,800	719	595
David&Dawn Windle	3	49.9	84.8	19,110	747	593
Daniel+Annie Stoltzfus	B3	39.3	87.3	18,535	677	
Donald M Horning	B3	59.3	87.5	18,873	679	592
Maplesway Farm	3	68.5	90.3	19,106	713	590
J Elmer Lapp	3	39.0	88.5	18,717	661	589
Star Point Jerseys	4	28.2	86.8	15,662	687	589
Spring Aqua Farm	3	88.6	87.6	18,119	664	588
David Bartram	B3	122.7	88.9	18,955	705	588
Paul Smoker	G3	61.2	86.0	18,869	680	588
Harold & Glenn Ranck	3	59.2	85.7	18,492	701	584
Rocky-Side Farm	3	68.0	88.1	18,034	685	583
Landhope Farms	B3	400.8	87.8	18,514	673	583
E Kent High	G3	129.7	91.7	17,677	628	580
New Bolton Ctr Unit4	B3	44.4	85.6	19,389	678	580
William L Stoltzfus	3	53.0	86.0	18,014	702	579
Elvin R+Carol Mast	B3	90.3	86.6	17,522	665	576
Susan Weaver	3	77.2	84.1	18,230	709	576
Charles J Moore	B3	47.2	84.0	18,508	626	576
Jesse E Lair	G3	87.8	84.4	18,379	642	576
Calvin R Blank	B3	54.0	89.4	18,467	684	574
Levi S King	B3	45.7	84.1	17,892	641	574
Timberview Farm	3	58.0	86.3	18,094	724	572
Mrs John B Hannom 3d	B3	110.3	87.3	17,169	637	571
John P Kauffman	B3	43.4	89.0	18,637	689	570
Gottleib Strohmaier	B3	107.7	86.5	17,893	649	566
Geo Strutynski& Sons	3	23.9	87.6	17,485	662	563
Edwin+Gale Mast	3	54.7	87.7	17,287	329	562
Duane&Carolyn Eberly	B8	66.9	88.0	18,181	659	562
Walmoore #3	B3	150.3	88.6	17,778	698	561

Daniel M Stoltzfus					
Sadie	3	5-1	305	25,170	1088
Mima	3	3-4	305	19,866	864
Richard Hostetter					
79	3	4-7	305	24,904	1062
90	3	2-10	305	25,751	948
46	3	3-1	305	22,015	914
59	3	7-11	305	23,865	853
William L Stoltzfus					
B-Blue	3	8-6	305	23,992	1028
Landhope Farms					
375	3	3-7	305	18,619	1023
440	3	7-1	305	19,822	861
167	3	3-9	302	16,831	855
Dunwood Farm					
#Crunch	3	2-3	305	25,496	1018
#Liza	3	2-3	305	19,984	838
Bova	3	5-6	305	23,570	834
Arthur & Duane Hershey					
Loni	3	5-9	305	24,698	1012
H & R Mason					
437	3	3-6	305	23,196	1008
443	3	3-4	305	25,439	928
361	3	4-9	305	21,502	876
532	3	2-3	283	22,329	870
Breck-A-De Farm					
20	3	6-1	305	24,807	999
Harold & Glenn Ranck					
Etta	3	6-8	305	23,981	988
Ardrossan Farms					
T-Rose	1	3-9	305	22,875	956
N-Vue	1	4-8	305	20,939	896
MN—Miss	1	6-2	305	22,692	862
Joseph Lusby					
Wanda	3	5-7	305	19,968	950
#Susan	3	5-5	305	21,099	919
Walmoore #3					
414	3	4-0	288	20,149	932
284	3	2-10	305	19,688	883
J Harold Bare					
41	3	5-11	305	22,363	928
John S Stoltzfus					
Blakz02	3	5-1	305	21,384	918
Timberview Farm					
Yvette	3	3-0	305	17,781	914
David Bartram					
760	3	7-11	305	23,104	904
I Lamar Horst					
53	3	5-1	305	19,196	874
David & Dawn Windle					
Camilla	3	7-9	296	23,174	864
Sibyl	3	4-2	305	23,911	860
Dale Hostetter					
Leone	3	3-0	305	21,996	861

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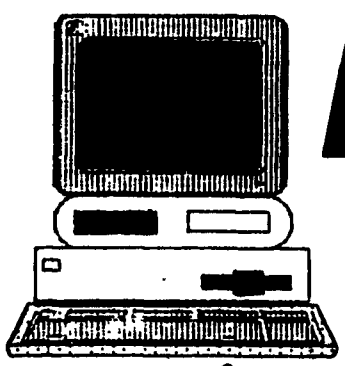

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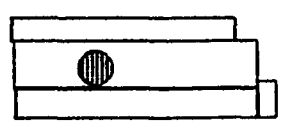
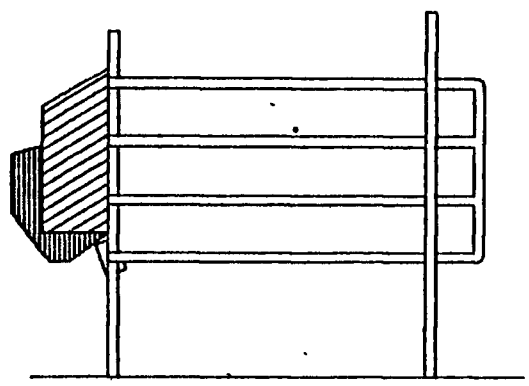


PRINTER



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PAUL HESS
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MARTIN WEAVER
DONALD HEINE
ROTHENBERGER BROS.
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LEVIS PHIPPS
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THOMAS ENSOR
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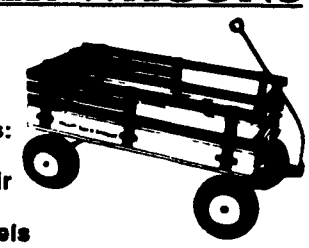

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Grumbines Nearly Sweep Lebanon Fair Lamb Championship

ANDY ANDREWS
Lancaster Farming Staff

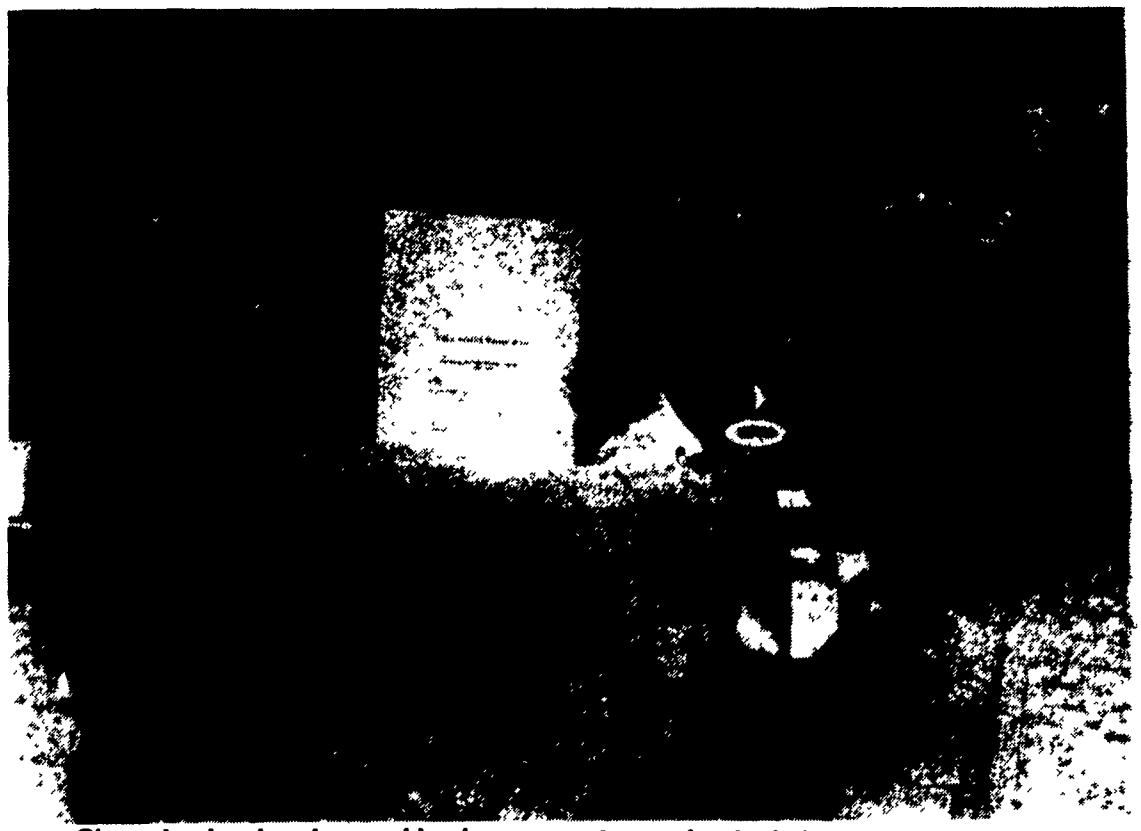
CORNWALL (Lebanon Co.) — They almost had it clinched — and came within one place of sweeping the Lebanon Fair market lamb championship last week.

Daryl Grumbine won grand champion honors in the market lamb lightweight division. His brother, Darren, won grand champion medium weight. Daryl Grumbine also won grand champion light heavyweight, grand champion heavyweight, and grand champion junior showmanship honors. Darren also picked up reserve champion show.

Overall grand champion market weight went to Daryl, and the

(Turn to Page F7)

On the right, the grand champion market lamb award was presented to Darren Grumbine for his Dorsett lamb at the Lebanon Fair last week. Reserve champion market lamb was awarded to Jamie Irwin, for this Cheviott/Dorset ewe, far left. In the center is Dick Kuzemchak, Penn State shepherd.



Champion bred-and-owned lamb, a new category for the Lebanon Fair sponsored by Agway, was presented to Darrell Martin, exhibiting for the first time. Darrell won with this Corriedale ewe lamb. On the left is Dick Kuzemchak, Penn State shepherd, judge for the contest.

Anderson Nominated For Beef Seedstock Award

LOYSVILLE (Perry Co.)— Dr. Burleigh Anderson of Meadow Mist Angus Farm, and who was recently nominated by Pennsylvania Beef Cattle Performance Association for Seedstock Producer of the Year, is a veterinarian by trade and a cattle breeder at heart. He has collected weaning and yearling weights on his calves for the past 25 years, and he has added birth weights and scrotal circumference in the past 10 years.

The record of improvement in these records is exemplary. The bull calves have increased an average of 75 pounds in weaning weight and 8.8 pounds in weaning weight EPD in the past 10 years. Improvements for yearling weights are significant as well.

The selection program at Meadow Mist is a stringent one. The actual performance and predicted EPDs are used to develop four maternal lines. Two of the lines would be selected heavily on calving ease traits plus growth and the other two would be selected heavily on milk plus growth.

Potential replacement heifers are ranked on their individual performance and then also ranked on their predicted EPDs. The top 10-15 percent of the "elite" cows in the herd are flushed and embryos are transferred to cull cows. In this manner, top-performing females can be available to add to the herd, but only because of the predictability of performance that has been bred into the Meadow Mist herd.

Conformation and structural soundness are included in the evaluations to help insure longevity and acceptability of his cattle. The success of this approach is apparent in the improvement that has occurred for performance in the herd. Additionally, it has all been done "at home" because the cow herd has been closed for 30 years.

Anderson believes there are limits to performance in an environment and is concerned when he sees his average birth weights get above 90 pounds, yearling weights getting above 1,400 pounds, and hip heights exceeding 52" at a year of age. He contends better performance is not for its own sake, but as a means to make the most of a herd of cows in the environment he can provide.

Meadow Mist Farm has been successful in using central test stations, and considers it a necessary tool to test their genetic program against other breeders and to merchandise cattle on the farm. They have tested more than 170 bulls in four states in the past 10 years. Their bulls have been the high indexing bulls at Wardensville, WV, on six different occasions and at the Pennsylvania test once. The participation in central tests has created a steady participation in performance records from their customers and has contributed greatly to repeat buyers using the actual and predicted EPDs he provides to the customer.

Consistency, predictability, acceptability -- all terms to describe the Meadow Mist herd and the breeding program of Dr. Burleigh Anderson. In a herd where "performance records make all the difference" it is fitting that Burleigh be Pennsylvania's nominee as the Seedstock Producer of the Year for the Beef Improvement Federation.

Horse Sense

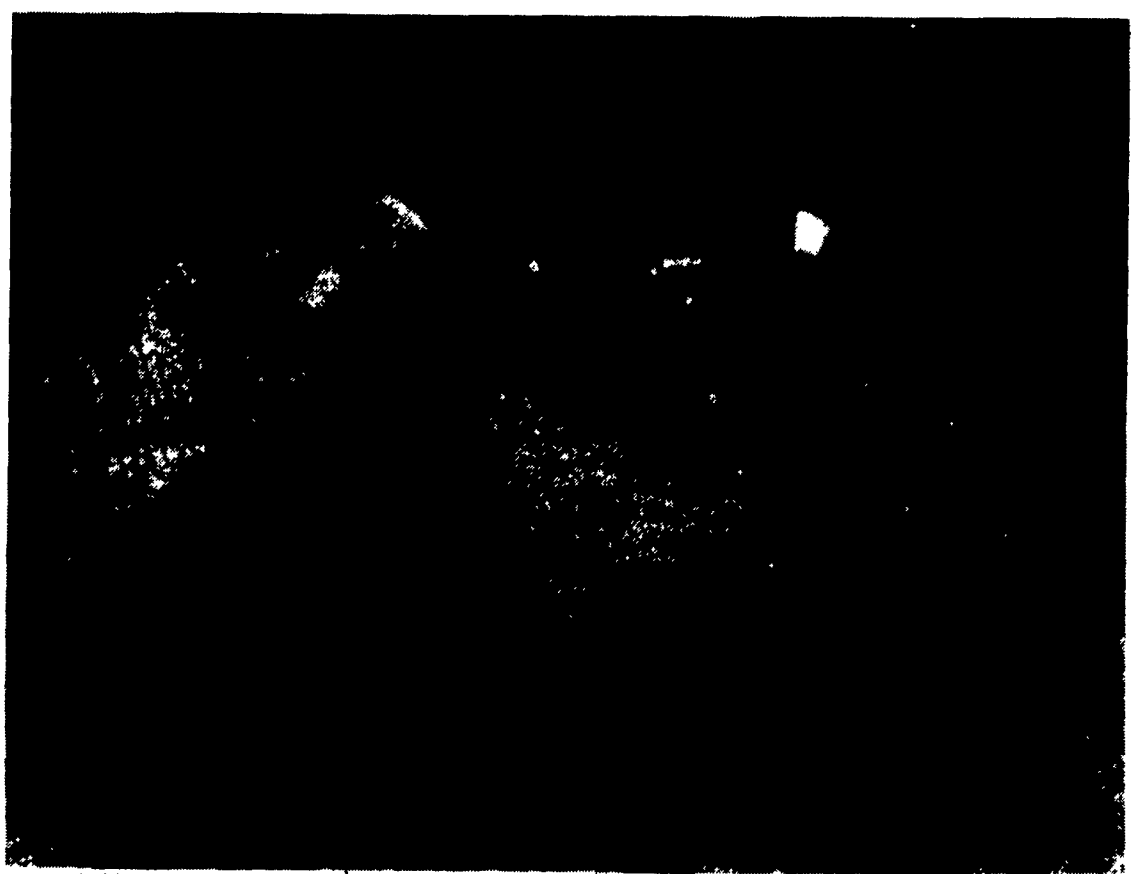
James P. Gallagher
Professor of Animal Science
The Pennsylvania
State University

TRAIL RIDING

With summer and fall approaching, many folks are thinking about trail rides.

However, before you and your horse and pony go trail riding, why not go over this checklist and see if you meet the standards of a good horseman?

1. Is your horse "muscled up" and accustomed to long rides? If not, you better stay home this time.
2. Is your horse properly shod?
3. Is your horse thoroughly groomed?
4. Is your tack in good repair, clean and properly fitted?
5. Will you ride on the right-hand side of the highway, single file, and not bunch up?
6. Will you have a safety officer to guard against cars and trains when crossing highways or railroad tracks?
7. Will you be courteous and quiet on the ride, always passing other horses slowly and at a safe distance?
8. Will you alternate gaits, walk up and down hills, and bring your horse in cool by walking the last mile?
9. Will you think of the comfort of your horse first and at each stop loosen the girth?
10. At the lunch stop, will you pick the stones from your horse's feet, cool him out, tie him safely (not by the bridle reins), allow him to have a little water, and check the fit of the saddle and the smoothness of the saddle blanket before resuming the ride?
11. When you return, will you rub him down if still warm, and see that he does not drink too heavily until he is thoroughly cooled?
12. While riding, do you observe the "old hands" on the trail ride and try to learn the right way of trail riding?



FFA champion lamb showman last week at the Lebanon Fair was Krista Hetrick, who won with this Dorsett wether. On the left is Dick Kuzemchak, Penn State shepherd, who judged the contest.

Lebanon Fair Lamb Championship

(Continued from Page F6)

overall reserve champion went to Jamie Irwin.

A new category, sponsored by Agway, was the bred-and-owned market lamb, which went to Darrell Martin, presenting for the first time.

FFA showmanship grand champion went to Krista Hetrick.

"I think everyone in the market weight showmanship contest should be commended," said Dick Kuzemchak, Penn State shepherd.

Many of the lambs had bood depth of body, and the back muscling "is important to the industry today," said Kuzemchak. "We're looking for the high amount of muscling, and no excess waistline."

Following is a list of show placings.

MARKET LAMBS
LIGHTWEIGHT
Grand Champion
Daryl Grumbine
Reserve Champion
Darren Grumbine
MEDIUM WEIGHT
Grand Champion
Darren Grumbine
Reserve Champion
Jamie Irwin
LIGHT HEAVYWEIGHT
Grand Champion
Daryl Grumbine
Reserve Champion
Benjamin Bow
HEAVYWEIGHT
Grand Champion
Daryl Grumbine
Reserve Champion
Nicki Shay
OVERALL GRAND CHAMPION
Darren Grumbine
OVERALL RESERVE CHAMPION
Jamie Irwin
BRED-AND-OWNED MARKET LAMB CHAMPION
Darrell Martin
SHEEP SHOWMANSHIP
16-19
1. Daryl Grumbine.
14-15
1. Darren Grumbine. 2. Alice Smith 3 Tony Ebling.
12-13
1. Jenny Wenger. 2. Benjamin Bow. 3. Amy Smith.
10-11
1. Tisha Ebling. 2. Wendy Atkins. 3 Becky Kleinfelter
8-9
1. Darrell Martin. 2. Katie Moyer 3 Ben Lovett
SHOWMANSHIP
Grand Champion
Daryl Grumbine
Reserve Champion
Darren Grumbine
FFA SHOWMANSHIP
Grand Champion
Krista Hetrick

Last week at the Lebanon Fair, prizes were awarded to the 4-H champion showmen. Left to right, Daryl Grumbine won for this Hampshire wether; Dick Kuzemchak, judge; and Darren Grumbine, who captured reserve championship with this Dorsett ewe.

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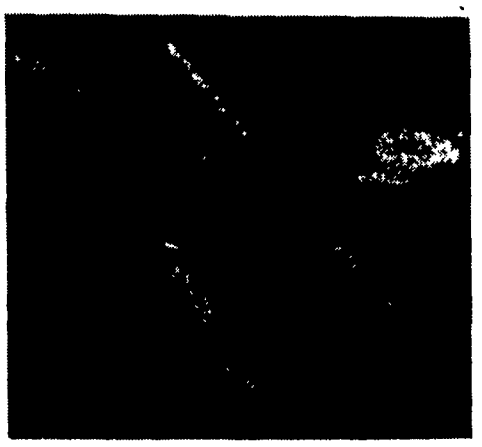

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DEVELOPING A BROILER VACCINATION PROGRAM

Donald L. Singletary
Poultry Diagnostician
Dept. of
Veterinary Science

Developing a broiler vaccination program is often a difficult problem. Fortunately, there are relatively few diseases for which a broiler needs to be vaccinated. Newcastle disease, infectious bronchitis, and Marek's disease are the only diseases for which broilers are routinely vaccinated.

Because there are a number of methods of vaccination and so many companies selling a variety of vaccines, the problem of developing a vaccination program is not so much in determining which disease to vaccinate for, but in selecting a particular company's vaccine, what method of vaccination to use, and whether boosters will be needed.

Other diseases such as reovirus and Gumboro are best controlled by proper vaccination of the broiler breeder hen. There are two reasons why it is difficult to vaccinate the broiler for reovirus and Gumboro: 1) The high level of maternal antibody in the chick and 2) The broiler chick is placed in an environment highly contaminated with these viruses.

The field viruses infect the chick even before the vaccine viruses have a chance to work. Thus, the vaccination of the broiler chicks in the poultry house is a waste of vaccine since the maternal antibody and high field challenge interfere with the development of immunity.

Finally, if broilers develop a snick, sneeze, or similar respiratory problem, the first thing to be blamed is the vaccine or vaccination program. However, there are many other reasons for such symptoms. Some of the more common ones are high or variable temperatures or ammonia and dust. Changing vaccines or the method of vaccination to correct a problem due to one of these causes would be a meaningless effort.

Therefore, before making a change, make certain that the vaccine or vaccination program is truly at fault. When birds develop a respiratory problem, take some specimens to a poultry diagnostic laboratory to discover if the Newcastle or bronchitis virus is present. In my experience, they are seldom found, so changing the vaccination program would not have corrected the situation.

The best vaccination program is one that is developed over time with much trial and error. And remember — do not change the program until there is evidence that it needs to be changed.

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PENDER, NE — Automatic Equipment Mfg. Co. custom-designs and produces rolls for a variety of uses, including agricultural and industrial applications.

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For more information, contact Automatic Equipment Mfg. Co., Custom Roll Division, One Mill Road, Industrial Park, Pender, NE 68047 (402) 385-3051.

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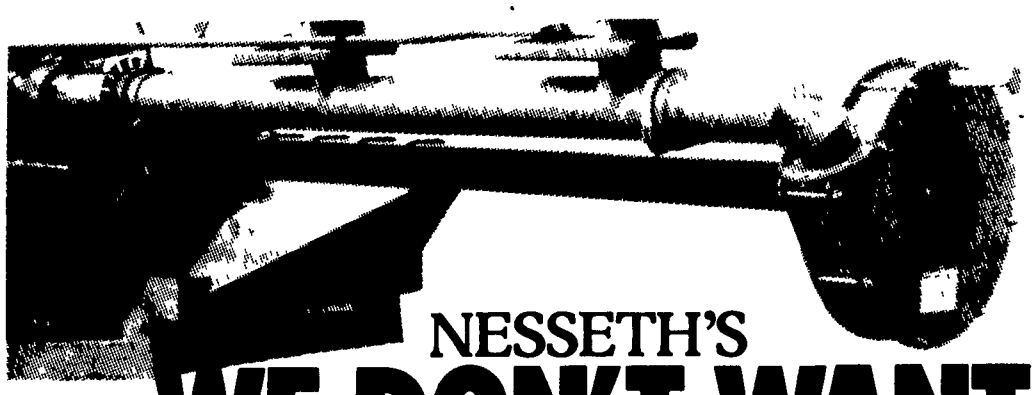

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Angus Breeders Celebrate Ike's 100th Birthday

ST. JOSEPH, Mo.— Angus breeders will stage a special event at Eisenhower Farms near Gettysburg, on August 17-19 to help mark the 100th anniversary of former president Dwight D. Eisenhower's birth and to celebrate his contribution to the registered Angus business.

The celebration will be open to the public. For the first time since Eisenhower's death, people will get to tour the farm, said Joe Calderazzo, York, vice president of the Pennsylvania Angus Association and chairman of the celebration.

Visitors will have an opportunity to tour the Eisenhower home and Gettysburg Battlefield. In addition there will be Angus cattle demonstrations and exhibits at the farm from 9 a.m. to 5 p.m. on Saturday and Sunday, August 18 and 19.

Another highlight will be a registered Angus cattle auction at the farm, managed by Tom Burke, Smithville, MO. The program for cattle producers will begin on Friday, August 17 with registration at the headquarters hotel, the Ramada Inn at Gettysburg. That afternoon there will be guided tours of the Gettysburg Battlefield, electric map, and the Eisenhower home, which is furnished much as it was when the Eisenhowers lived there.

Special parking permits will be available at the registration desk. Food concessions will also be on the grounds. Reservations can be obtained at the headquarters hotel by calling (800) 228-2828.

Dwight Eisenhower joined the American Angus Association on December 24, 1954, while in his first term as president of the United States. He signed the application for membership, and his address was listed as "The White House, Washington, D.C." Someone who had typed up the membership form for Ike had written the membership name as Dwight D. Eisenhower. Ike evidently lined this out and printed in "Eisenhower Farms."

Ike's herd, managed by Robert Hartley, became nationally known for the quality of the cattle and their show winnings. Eventually it reached 102 head before it was sold in the fall of 1966, when the former president's health declined and he asked Hartley to disperse so that his family would not be troubled with it in case he should die. The herd was sold at private treaty and Eisenhower died on March 28, 1969. The farm and the Eisenhower home, the only one he and his wife ever owned, are now owned and operated by the National Park Service.

Dwight D. Eisenhower, while president of the United States in 1959, discusses an Eisenhower Farms Angus bull calf he is holding with the late Herman Purdy of Pennsylvania State University. Eisenhower, a registered Angus breeder until about three years before his death in 1969, was one of the most famous Angus breeders in U.S. Angus history. A special Angus celebration will be held at Eisenhower Farms, Gettysburg, August 17-19 to help commemorate the 100th anniversary of Eisenhower's birth. Photo by American Angus Association.

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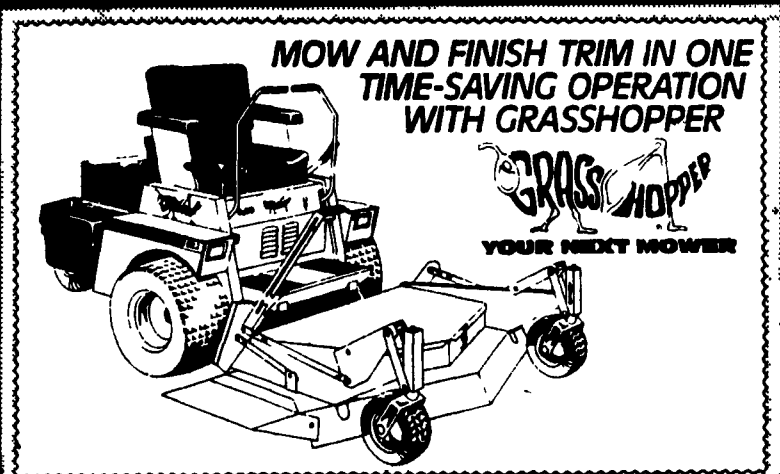

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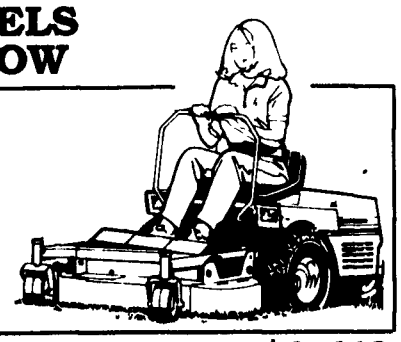

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Business News

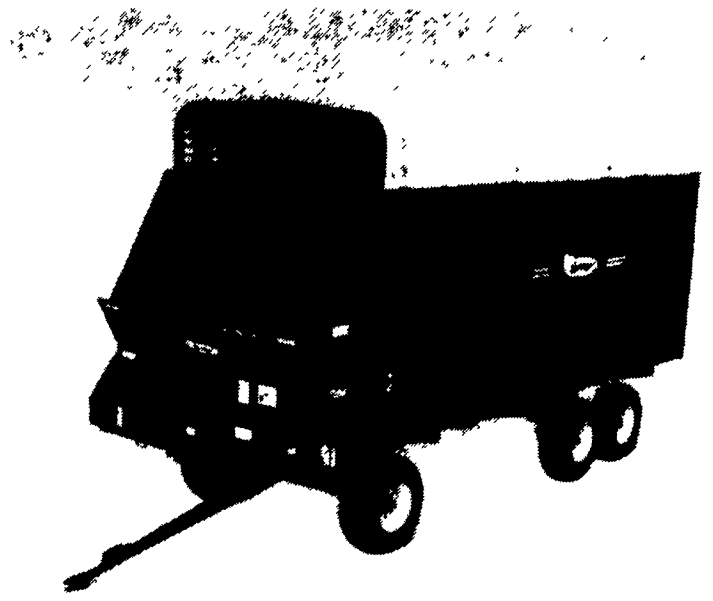
Speed, Efficiency Round Out Storage Boxes

KAUKAUNA, WI — A newly designed line of forage boxes, featuring increased strength and durability, high capacity unloading at greater speeds, and a choice of three models (14', 16' or 18'), is now available from Badger Northland Inc.

Badger's new BN1050 forage box is constructed with a high strength alloy steel undercarriage, welded and bolted for long life and maximum flexibility when traveling over uneven, steep, or bumpy ground. The rear cross supports and channel side stakes supporting Badger's flexible duraply sides are also made of alloy steel, offering a third more strength to maintain structural longevity.

The new forage boxes also feature high speed cross conveyors nearly two feet wide for high capacity, uniform discharge into blowers. Powered by Badger's CA 550 roller chain (which is over twice as strong as the steel detachable chain used in the past), the 23½" cross conveyor operates at a rate of 347 feet/minute (at 400 rpm PTO). In addition, a two-speed unloading control, placed at the front center of the boxes for operator convenience, offers high speed clean out that operates 235 percent faster than regular speeds.

Badger has also designed a new beater system, featuring three 65-inch high slant back spiral beaters that allow smooth, efficient unloading. Because more teeth come into contact with the forage than with straight, conventional blades, Badger's spiral beaters completely and evenly break up forage for steady, uniform discharge into the blower. The top beater turns almost one-half slower than the bottom blades to minimize overthrow when unloading. And the self-aligning lower beater helps reduce stress under conditions that might cause twisting.

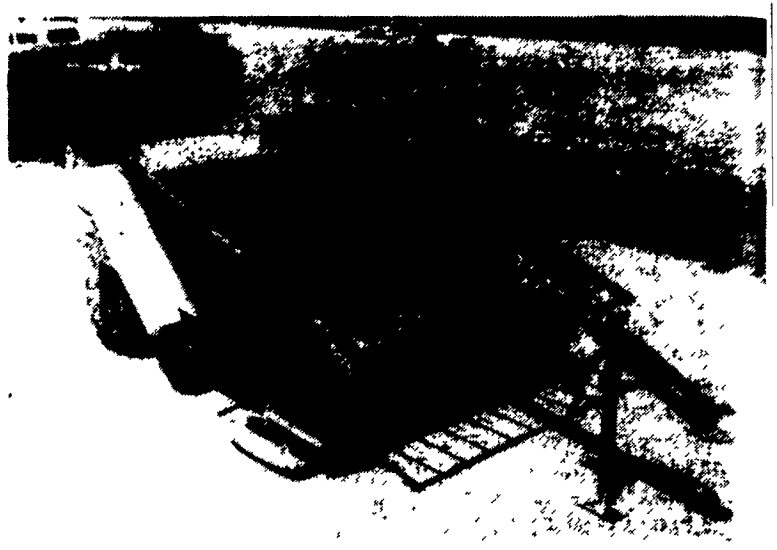


Badger's new BN1050 forage box is constructed with a high-strength alloy steel undercarriage, welded and bolted for long life and maximum flexibility when traveling over uneven, steep, or bumpy ground.

Extra center cross ties, reinforced with special "knee braces," prevent the roof from bulging when filled with wet corn silage loads. The forage box's white baked enamel galvanized roof also features a heavy front edge protector to prevent damage caused by chopper spouts or low branches.

Additional changes to the new line of Badger forage boxes include apron idlers recessed inside the box for better protection, an angled rear baffle bolted to the deck to restrict tailgate bulging, and a swing down shield for easy maintenance access to working components.

For more information on Badger's new forage boxes, contact Chet Gibbons, Badger Northland Inc., 1215 Hyland Avenue, P.O. Box 1215, Kaukauna, WI 54130-9986, (414) 766-4603.



DION MACHINERIES' windrow inverter picks up a hay windrow of up to 5 feet wide and gently lays it back beside its original location in an upside down position.

Windrow Inverter Shortens Curing Time

QUEBEC, Canada — Dion Machineries of Boisbriand Quebec announces the addition of a new product to its line of forage equipment. The windrow inverter picks up a hay windrow of up to 5 feet wide and gently lays it back beside its original location in an upside down position.

Research shows that curing time can be shortened considerably by inverting hay windrows. The simple design of the Canadian-made inverter gently carries the windrow onto a large rotating disk. The hay travels 180 degrees, half a turn, on the disk before falling on the ground in a perfectly inverted position. Losses are negligible because of minimum handling of the material.

The new machine can be seen at the Joseph Swantak, Quebec exhibit at Ag Progress Days. Staff from the company will be available to answer any questions.

Dion Machineries is a Canadian manufacturer of high quality agricultural equipment since 1920.

They Can Tailor-Make Plastic Degradables

ST. LOUIS, Mo. — Researchers have already learned how to "tailor-make" biodegradable plastic products that will degrade in a matter of hours or in a period of several years.

But the real challenge remains twofold: designing products that fulfill specific needs and that can be integrated into specific waste disposal systems, emphasized several researchers during the Corn Utilization Conference III (CUC).

Development of biodegradable plastics must be approached from both ends, both during the design of the waste disposal environment, said Dr. Ramani Narayan, a scientist with the Michigan Biotechnology Institute and Michigan State University. "It's not enough to just develop biodegradable plastics," said Narayan.

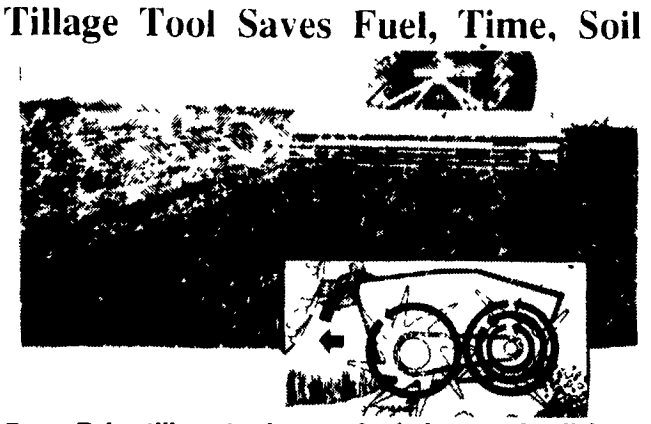
"Many people have a poor conception of what we want to achieve," Narayan emphasizes. "We need to integrate degradation with design if we are truly going to come up with solutions to waste management. We don't want a time trigger, we want an environmental trigger."

That means more attention needs to be paid not only to design of the biodegradable product but to engineer the appropriate waste disposal scheme to ensure that the products are environmentally compatible, Narayan said.

"In some cases, the product may be good, but there may be degradability problems with the landfill or waste disposal system," said the scientist. Several factors affect degradation, including the environment itself, the temperature, light, management of the disposal site, and other factors. Narayan is currently working on a two-part pilot program that will involve "tailor-made" degradable plastics and disposal in a specially designed composting pile.

Narayan was one of several speakers who discussed biodegradable products and procedures during the CUC. Co-sponsored by the Ciba-Geigy Seed Division and the National Corn Growers Association, the conference aims to find new uses and increase utilization of corn products.

Tillage Tool Saves Fuel, Time, Soil



Dyna-Drive tillage tool saves fuel, time, and soil. It can be used as a one-pass tillage tool, depending on field conditions. The tool is a ground-driven twin rotor, with no PTO or gearbox. The tool is available in five sizes, ranging from 6 feet 8 inches to 15 feet 1 inch. Contact HCC Inc., 1501 1st Ave., Mendota, IL 61342, (815) 539-9371.

Kubota Tractor Corp. recently added the 68 PTO horsepower M7030SU and the 49.8 PTO horsepower M5030SU models to its M-Series line of tractors.

More Horsepower To You

COMPTON, Calif. — Kubota Tractor Corporation recently added the 68 PTO horsepower M7030SU and the 49.8 PTO horsepower M5030SU models to its M-Series line of agricultural tractors.

A direct-injection, liquid-cooled diesel engine delivers high lugging ability, good fuel economy, and less vibration and noise. Additional special features ensure operator comfort and easy maintenance.

The M7030SU tractor is suited for farm and orchard applications. This 4-cyclinder tractor features a 16-speed forward creep transmission, making it ideal for mowing, seeding, spraying, or any job requiring slow, constant speeds. Its compact design and tight turning radius, as well as an optional low-profile kit, allow for easy handling. The M70030SU's hefty hydraulic lift capacity further increases the model's versatility.

An adjustable suspension deluxe seat ensures operator comfort, while a fast access engine compartment offers convenient operator maintenance. Other standard features found in the M7030SU include a hydraulically-operated position, draft and combination implement control, and a single-interchangeable remote control hydraulic valve.

The M5030SU offers all the standard features of the M-Series line plus a new six-cylinder, direct-injection, liquid-cooled diesel engine. Like the M7030SU model, the M5030SU offers power steering, a spacious operator's platform, an adjustable suspension seat, and an easy-to-reach maintenance system.

The latest moseld are designed to offer power as well as manueverability. Versatility is enhanced by a hefty 3-point hitch which allows rear-mounting of a variety of implements, includ. oox scrapers, rotary cutters, and tillage equipment. In addition, a low-profile kit is available as a factory option.

Contact Kubota Tractor Corporation, 550 West Artesia Boulevard, Compton, CA 90220.

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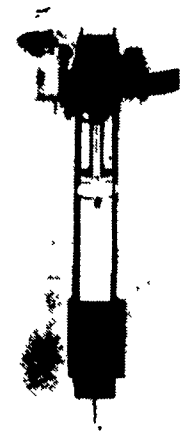
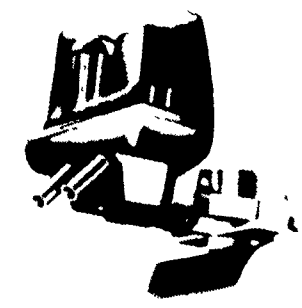


Automation



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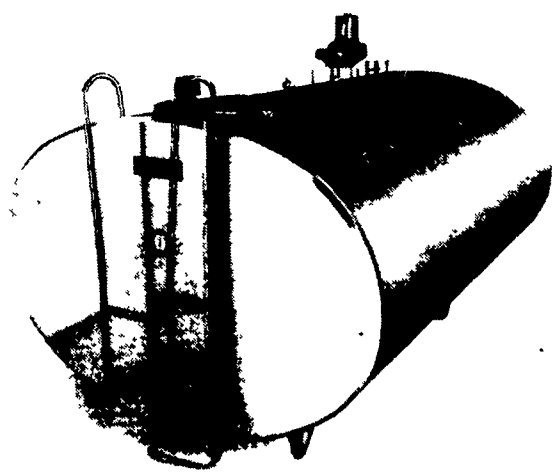

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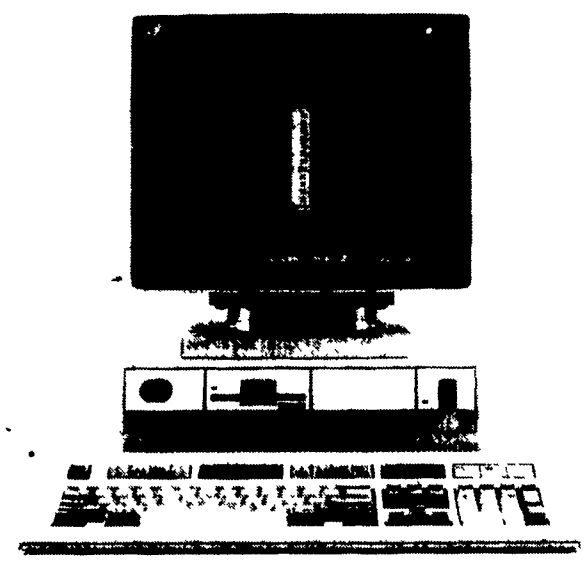

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Swine Management News

Dr. Richard Barczewski
Extension County Agricultural Agent
University of Delaware

Reply to An Anonymous Letter Writer

Recently I received an envelope postmarked Elizabeth, New Jersey, from American Farm Publications. It contained an unsigned letter that accused me of one-sided fournalism on just about every issue near and dear to my heart, including animal rights, the environment, vegetarianism, animal research, animal testing, and food safety.

The letter's contents had a definite radical frame-of-mind slant, and I would like to address several points made by the writer.

An opinion espoused by the writer which I take issue with is that U.S. agriculture is no longer soil-based but rather oil-based. This simply is not true. Very few producers grow crops without soil. It is true, however, that U.S. producers are dependent on oil for the production of food. Not only is oil necessary to power equipment for soil preparation, planting and harvesting, but it is also needed to manufacture some of the agrichemicals which enable cheaper production by reducing weed and insect pressure on crops.

Can we grow food without the use of oil? Yes. But even the organic farmers I know use oil to power their equipment to plow and harvest. If my anonymous letter writer wants to try producing food without oil, I wish him/her luck, because he/she will have little time for anything else.

The letter writer went on to say that people in China have a lower incidence of colon and rectal cancer, which he/she attributed to their vegetarian diet. What this person fails to realize is that the average life expectancy in China is five years less than that of the United States. And the assumption that diet alone is the only reason for a disease is narrow-minded.

The writer also criticized animal production because it results in foods high in saturated fats, hormones, pesticides, and antibiotic residues. Animal products contain saturated fat and just about everything we eat contains hormones of some sort. As for pesticide and antibiotic residues, these are at a low incidence, and based on findings of the Food and Drug Administration, when present, they are at levels that do not pose a health threat. My letter writer thinks I advocate a meat-only diet! I've always enjoyed a varied diet that includes both plant and animal products.

The final topic I will discuss is the use of animals for research. The letter writer claimed data collected through animal research is not valid or applicable to humans because of the differences in physiologies. I ask my letter writer if he or she is willing to subject himself/herself for testing so the results would be more legitimate? If the findings are not valid, why do we now have a vaccine against polio, ways to control diabetes better, effective treatments for some cancers, and the knowledge and technology to transplant organs?

One of the more interesting aspects about writing a personal column is reader feedback. You are aware, I'm sure, that I have strong opinions on animal agriculture, animal rights, food safety, and methods for food production.

I believe that readers of my column must be made aware of what the more radical-thinking individuals are saying. Unfortunately, the author of the aforementioned letter signed off as "You Know Who." Actually, I don't know who wrote this letter. He/she implied that by not taking on important issues (I assume they are vegetarianism, organic farming, animal rightist perspective, anti-animal research viewpoints, etc.) that I'm embarrassing myself and the publishers of my column. The postscript was "What are you afraid of?"

My reply to the letter writer is that I'm not afraid of anything. But I have to wonder why you didn't sign your name. What are *you* afraid of?

Feed Grains Council Celebrates 30th

WASHINGTON, D.C. — The U.S. Feed Grains Council celebrated 30 years of successful market development activities during its recent annual membership meeting held in Monterey, CA. Using the theme "Building on Success," the council's history was highlighted, and speakers addressed the challenges and opportunities the council will face in the coming decade.

Bernard Steinweg, senior vice president of Continental Grain Company, told council members and guests of the enormous opportunities for U.S. grain exports. The challenge, according to Steinweg, is maintaining the U.S. edge in production efficiency and quantity.

U.S. agriculture must accept the "challenge of change," according to USDA Deputy Secretary Jack Parnell. Communicating with overseas customers and servicing those customers are keys to future success.

Challenges and opportunities in trade negotiations were highlighted by Ann Veneman, USDA deputy under secretary of agriculture for international affairs and commodity programs, and by Suzanne Early, assistant U.S. trade representative for agricultural affairs.

Veneman said that global standards should be established to encourage fair trade in food. "These standards must be scientifically justified to avoid trade disruptions," she said.

"I think we will have a successful (GATT) agreement," said Early, "a lot bigger and a lot more reform-minded than many people believe." She pointed out that the Houston Economic Summit raised the level of awareness of the importance of the agricultural negotiations.

The Japanese market is not open wide enough, according to James Parker, U.S. minister-counselor for agricultural affairs, Tokyo. Parker stated that Japanese laws and regulations are stifling the livestock sector, there is bureaucratic control of the food grain market, and there is the import ban on rice. In addition, he said it is inconsistent for Japan to reap the benefits of exports and maintain high tariff walls. Direct, tough negotiations are needed. Only with persistence and perseverance will this market be opened, he said.

Manfred Siegel, section leader of the organization for agricultural market regulations/EEC section, East German Ministry of Agriculture, and former GDR agricultural attache to the United States, discussed the impact of unification on East German agriculture. Private land ownership, productive cooperatives, a need for fewer farm laborers, a decrease in production, and institution of property taxes are in store for East German agriculture, he reported. Although the changes will be drastic for farmers, the end result, Siegel believes, will be a more competitive and efficient agriculture, integrated into the European Community.

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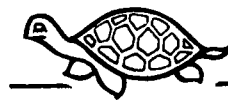

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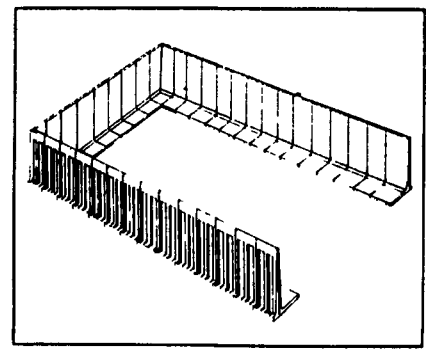

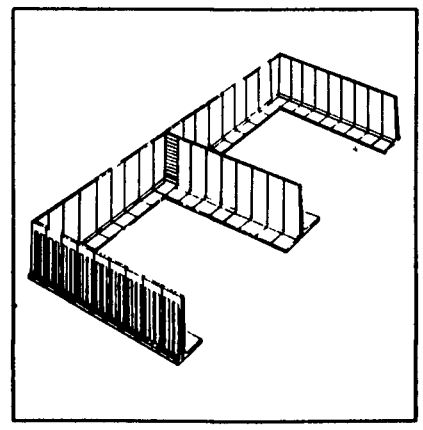

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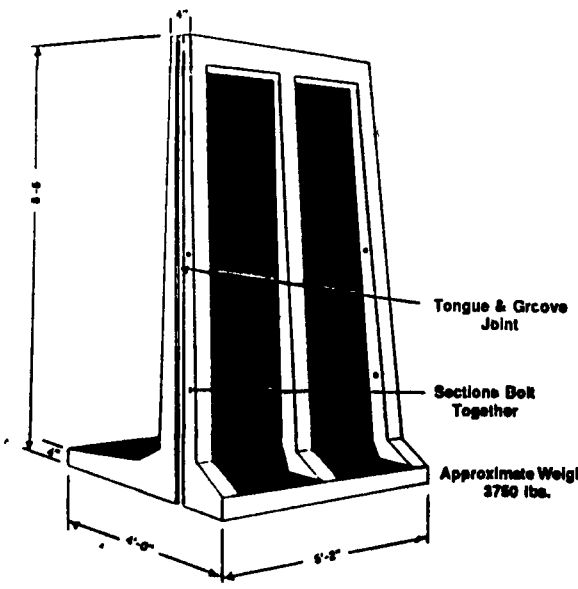

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To Irrigate Properly, Use Moisture Sensors

COLLEGE PARK, MD — Several weeks of hot, dry weather punctuated by localized thunderstorms has forced many Maryland farmers to turn to irrigation. There's no doubt their fields need water, but how much?

That's an important question, said Dr. David S. Ross, an agricultural engineer with the Maryland Cooperative Extension Service. If you don't provide enough water, crops are stressed and crop quality and yields suffer. If you add too much, you're wasting money associated with equipment, labor and energy, and sending excess water — along with nitrogen fertilizer — down into the water table.

"To irrigate efficiently and effectively, farmers need to know the moisture status of their soil," said Ross. "Just becuase the ground looks wet on top doesn't mean the plants have enough moisture down in their root zone."

Fortunately, several types of mechanical soil moisture sensors are available to help farmers accurately and easily determine soil moisture at various depths.

One of the easiest to use, according to Ross, is the tensiometer. It also is the most appropriate moisture sensor for sandy soils, which predominate on the Eastern Shore. Another sensor, the Gypsum block, works better in heavier soils.

Detailed information on the tensiometer, the gypsum block, and a third soil moisture sensor called the neutron probe is featured in an extension publication called "Bulletin 312: *Soil Moisture Sensors for Irrigation Management.*" Written by Ross and Herbert L. Brodie, agricultural engineer, the booklet describes how the sensors work, how to use them to manage irrigation, and how to calibrate them. It also provides information on relative costs and a list of the effective root zone depths for a variety of plants.

If you decide to invest in a soil moisture sensor, Ross's "FACTS 137: *Maryland Directory of Irrigation Dealers/Manufacturers*" can help you locate a seller.

FACTS 137 is free, and Bulletin 312 costs $2. Both publications are available through county offices of the Maryland Cooperative Extension Service. Phone numbers are included in county government listings in the blue pages of the phone book.

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Badger silage blower very good cond, 2 8-hole Smidley hog feeders, good cond, 2 hog waterers Bucks Co. 215-766-8130

NI 14-A spreader (good), Smoker (skeleton) bale elevator tractor chains small scoop for sauder loader 717-464-2233, no Sundays.

1979 Transcraft drop frame trailer 42' w/8-25-15 tires, good cond, $6900. Bucks Co. 215-257-2377.

Goats- Reg. purebred saanen milker & buck kid, more avail. mid-August, also, Angora rabbits, ducks, chickens. Chester Co. 215-458-8458.

Oil tank 275 gal. good cond, $35. Del Co. 215-459-5593.

NH 353 grinder mixer 3 screens HD PTO flotation tires $4295, like new, always kept in barn can deliver York Co 717-741-3974.

Farmall H w/m. loader & 2 row cult 8 ton dump truck, 400 bu morage grain dryer Bucks Co 215-536-4637.

Reg Appaloosa mare chestnut foaled 3/17/89 15 hands quiet York Co 717-755-1468 eves & weekends

Farmall H tractor, 5 piece pearl drum set, manure dump, car stereos, CB, weight set, Honda motorcycle Leb Co 717-867-2071

Royal typewriter model "quiet deluxe" manual operated very good cond, reasonable price. Del Co 215-543-5672.

Geese $10 ea, purebred nubian buck $100 firm, no papers, china closet & buffet (antique), reasonable priced. Carbon Co 717-386-5732

JD Model A 1949 great cond, new paint, new rubber, 2 btm plow & cults, $1200 OBO 215-257-8901

Bolens Iseki #1502H compact diesel (Mitsubishi) 15 HP, 3 cyl, water cooled, HST drive, 3 pt hitch & PTO, 2½ yr warr 4' midmower & 5' blade 35 hrs, turf tires Del. Co 215-358-5839 can deliver

MH tractor model 30 good tires & motor wide front end 38" tires, $600. North'd Co 717-286-9380.

Reg Morgan gelding, 4 yrs., LVCH, 14.3 broke to ride, has been driven., others avail., $1500. Bucks Co. 215-536-5353 eves.

AKC boxer puppies, fawn, shots, wormed, 7 wks., 3 females, 2 males $150 Dau. Co. 717-469-0126.

MM tractor steel wheels, pulley, PTO, A-1 cond., 8 yr. workhorse, broke, willing. David Blank, 5846 Old Phila. Pike, Gap, Pa 17527.

Reg Q H. Broodmare w/3 mth colt, bred back, Oklahoma Star, Joe Cody bloodlines, has produced winners Salem Co 609-769-0792.

2 nice Jersey heifers fresh in 5 wks 5 yr. old standardbred good broke Lanc. Co 717-354-5039

Saffron bulbs @ $2 50 per doz. Weaver W Shirk, 927 Glenwood Dr, Ephrata, Pa 17522, Lanc Co

Reg service age holstein bulls, also antique bed, lawn mower, typewriter, crib, bottles, mirror, etc Mifflin Co. 717-899-6777 or 899-6664.

WD45 AC, motor tight $450, 6- 750-20 used truck tires on rims $120, takes all. Lanc Co 717-284-2429

Poly calf hutches, complete w/buckets, rack, $150 ea, corn silage $30 ton, unloader provided. Lanc Co 215-445-6402.

Agway pole barn 96'x52' sold farm must be removed excel cond Southern Chester Co 215-444-5943

JD 3020 diesel, wide front, 2 remotes, field ready! Syncro-range $6500, 1985 Ford F150 6 cyl. 4 spd, 8' bed, PS, PB, $4500 Blair Co. 814-742-8202

Fuel tank oval upright 200 gal w/pump, good cond, $40. Bucks Co. 215-598-3818

Grain blower vac 40 HP elect. 400' 4" pipe $2000, Oliver 74H corn picker on 770 diesel $2700. Fred Co. Md 301-829-1285.

1930 Int. B-4 cab & chassis $125. Mercer, N.J. Sat, Sun 609-799-7008.

4 crossbred feeder pigs 35-40 lbs, $1 00 per lb York Co. 717-757-2209

Int 500 gas track loader 4-in-1 bucket good shape $5000. Balto. Co 301-823-2640

Border Collie & Maremma stock dogs & pups from working parents 914-626-3860 or 914-626-4770

15 Holstein heifers due Aug to Nov Hampstead, MD 301-374-4177

Brittany Spaniel AKC reg Excellent hunters & breeders, 1 M - 2 F, $100 ea Also 4 male pups $75 Hunterdon Co. 201-996-3305

Yellow pine 1x6x12 1x8x12 2x4x12 2x6x12 some white pine 1x12x12 1x8x12 1x6 1x4 A L Glick, Quarryville, PA

1500 gal Zero bulk milk tank for storage $1500. Oliver 5400 notill corn planter $1800. Garrett Co 301-334-4129.

1 switch box control 12 V for water sprinkler system Also 3 way crossbred boars good stock service age Lanc Co. 717-656-8531.

Liebherr 921 track excavator Deutz dsl. power, fair cond. Job finished must sell now $6500 York Co 717-235-8243

10 yr old standardbred driving horse 16H well built traffic safe sound Levi S Nolt, Leola, PA 717-656-9565

South Bend lathe 9" at Rough & Tumble Reunion, Kinzers, PA, Aug 15-19 near Model Bldg & Train Display Montg Co. 215-539-0428

1978 Dodge 1 ton truck 14' Morgan bed extra good cond. 84,000 mi. Also 318 Dodge engine & trams Lanc. Co. 717-653-4286

JD B JD A $1400 1940 R40 Ditch Witch w/trailer $7000 Super 77 Oliver $750 SAV tractor $2500 Bucks Co 215-598-7546.

8N Ford tractor runs good $1850, Ford 2 bot plow $150, IH 200 Farmall tractor $1375, fast hitch mower $450. 717-354-0266

8 1-sided 4-hole S S hog feeders, 3 ton feed bin 40' flex auger drive unit, 12 hole Smidley feeder Franklin Co 717-261-1777

14 yr old, TB, gelding, white, child safe, $700, to good home Chester Co 215-347-9721

Tobacco beams & rails, locust posts & 2x3s & 2x4s seconds & old barn boards Lanc. Co 717-392-5329

175- 5' concrete hog slats, best offer Ephrata, PA 717-733-6333

12x40 stave silo, 2 boar hogs, feeder pigs Lanc Co 717-548-2392.

Potato harvester Dahlman good $5500, bin stacker 20' $1200, sizer $1000, dual wheels 15 5x38" $350, potato bodies $3500 717-589-3280.

4 reg Hereford heifres w/ calves $750/pair. Susq. Co 717-965-2046.

Track loader, IH 500C, 1970, diesel, new tracks & rails, 4-in-1 bucket, engine good, has oil leak under stump pan $4800 or best offer York Co 717-993-3350 after 7 p m

Purebred polled simmental bull 16 mos. old $900 Franklin Co. 717-349-7491 after 6 p.m.

IH super 88 baler shed stored $350 York Co 717-252-2165 eves

1984 VW 7 pass vanagon 85,800 miles loaded $3800 or will make a deal on Jetta diesel. Perry Co 717-444-3606.

Brillion 16' wing fold harrow, JD 4 btm mounted plow w/cover boards & coulters. Adams Co 717-624-8124

Tomato seconds avail from fresh market packing operation, great for canning, $1/5 gal bucket Lanc Co. 717-872-8748

1½ yr old Cheviot ram $75, 71 Ford 1-ton flatbed dump, 2 twin hyd cyls, 48 Chevy dump truck antique. Geo D Bankert, 376 Latimore Crk. Rd, York Springs, Pa 17372.

1 NI 7' cut grass mower, on rubber, pull type. 717-665-5177

AKC English springer spaniel pups for sale, shots, wormed, liver & white males $150, females $200 Lanc. Co 717-768-8178.

New Netafin- 3- 4000' rools typhoon dripline for rower-op spacing between drippers 60" Homelite waterbug, portable pump. Lanc Co. 717-284-4362.

Haines 26" potato washer good cond., $2000, 1980 Ford Mustang auto. transmission. Sch. Co. 717-425-3486.

38 NH grass chopper for sale very good shape. 215-285-6487.

400 gal. irrigation pump 4" pipe, sprinklers. 717-738-1051.

MAILBOX MARKET FOR SALE

Australian blue heeler pups 6 wks old v g cattle dogs. H E Ebersol, 1226-A Goshen Mill Rd., Peach Bottom, Pa 17563.

Bucket a day stove large size Amos J. King, 3542 W Newport Rd, Ronks, Pa 17572

1971 Ford F100 4x4 $1500, 1979 Chevy Luv 4x4 $600, 1982 ply turimso needs cam $300. York Co. 717-927-9287

NI 701, 726 husker; MM uni tractor runs good, Fox harvester, hay & 2 row narrow corn heads. Lanc. Co. 717-653-4009.

Nubian cross buck goat, 3 mths. old, nicely marked & naturally hornless. Schuyl. Co. 717-467-2325.

Log splitter excel. cond, 17 5 ton Idea manure spreader 16-hole hog feeder mini-bike 150 gal. gas tank elevator conveyor Chester Co. 215-347-2232.

Case 830 diesel tractor with or without pulley steel or rubber. Christ K. Fisher, 231 Maple Shade Rd., Christiana, Pa 17509. Lanc. Co.

Reg. Appaloosa 4 yr. old black & white mare, excel trail horse, $1,250, also POA broodmare $350. Leb Co. 717-865-5914.

2 old beauty shop hair dryers work $10, single barrel shotguns $50, horse drawn dirt scoop $25. Schuyl. Co 717-345-8179

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FOR TWO DIFFERENT JOBS

HAY CURE
Aids in curing hay up to 30% moisture, thus saving protein rich leaves. It also aids in getting hay, which is not quite dry, in ahead of bad weather
ADVANTAGES OF HAY CURE.
• Has a lower RH reading
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• More economical
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• Lower cost of application
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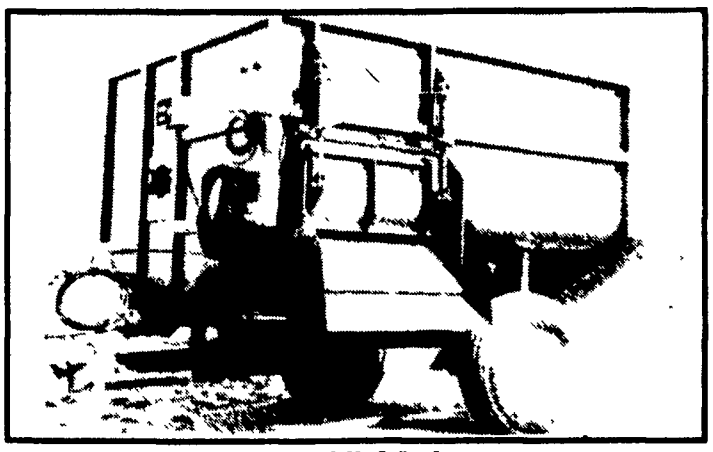
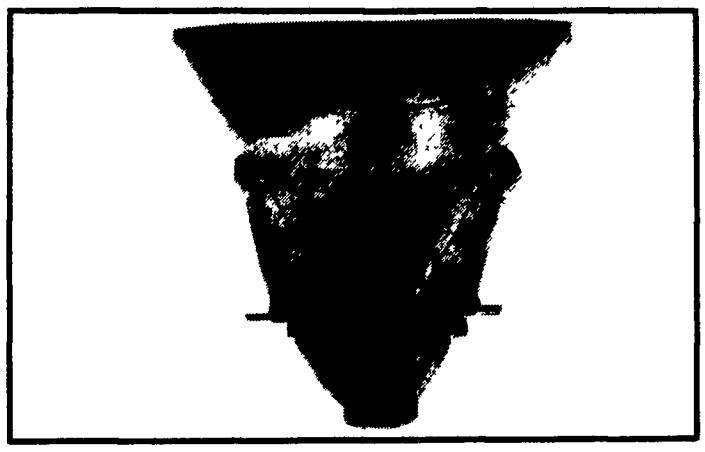
STIRCO MIXER FEEDERS



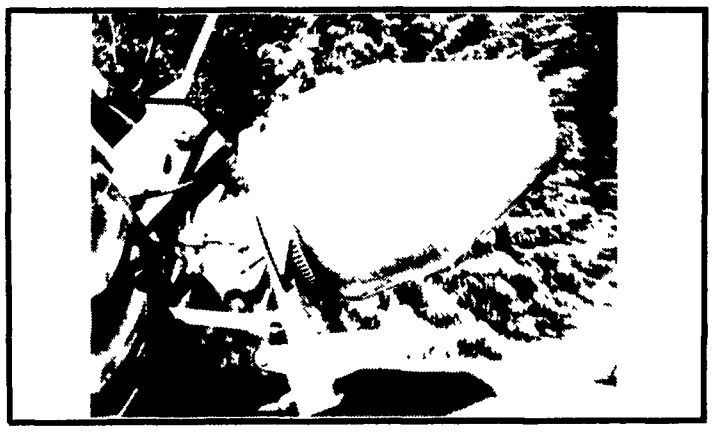
Look At All Makes...
Then Come Look At Stirco

FERTILIZER SPREADERS



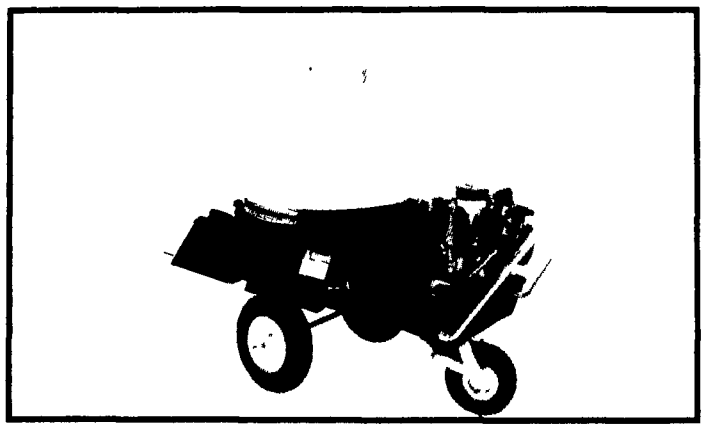
From - 300 to 1500 Lb.

EUROBETON CEMENT MIXER



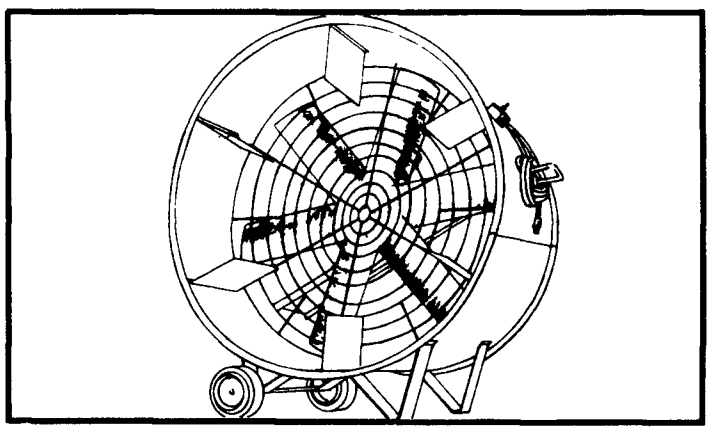
3 Point Hitch - Crown Gear Driven

DYNAVENT BEDDING CHOPPER



8 HP - 72 Knives/11 HP For Paper

48" PORTABLE BARN FANS

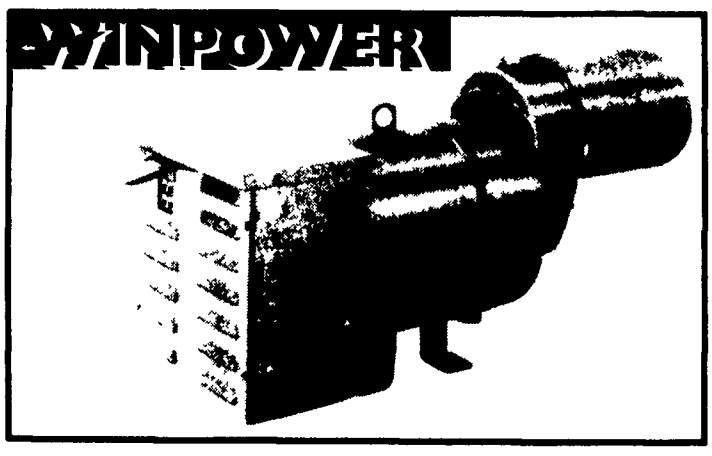


1 Speed And 2 Speed - 28,700 CFM

CLOVERLINE CALF HUTCH

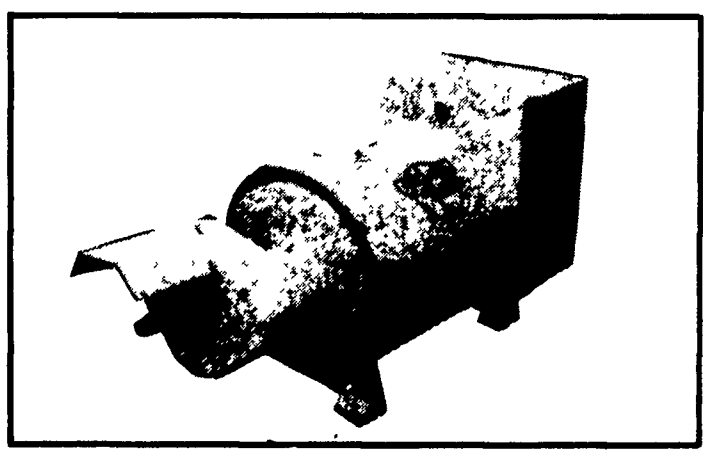
5' Wide x 6'6" Long - Polyethylene

WINPOWER GENERATORS



PTO Driven 10,000 To 50,000 KW

KATOLIGHT ALTERNATORS



Totally Brushless
25,000W to 150,000W - PTO Driven

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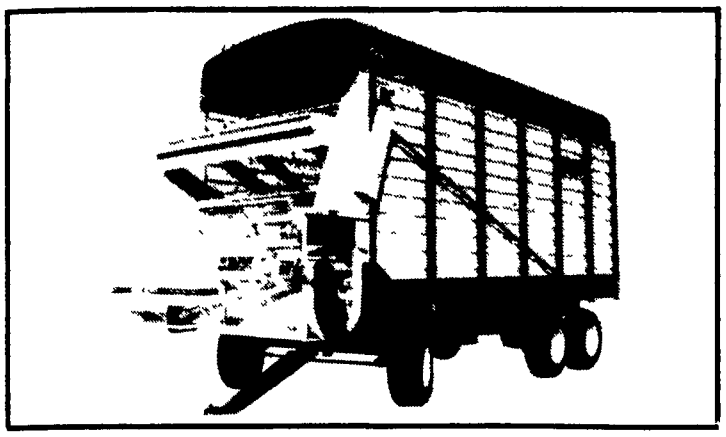
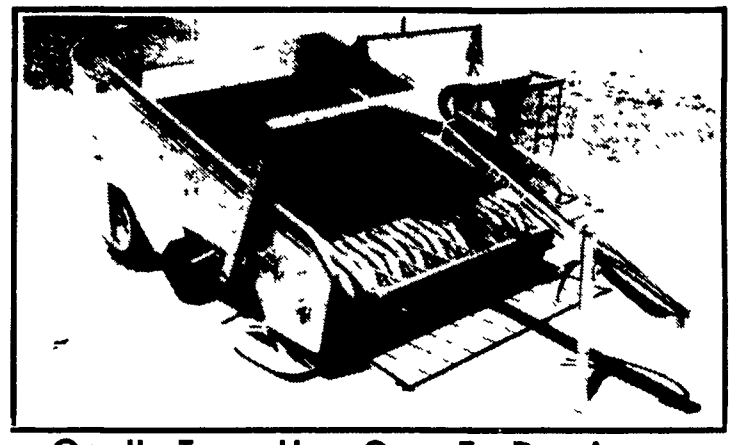


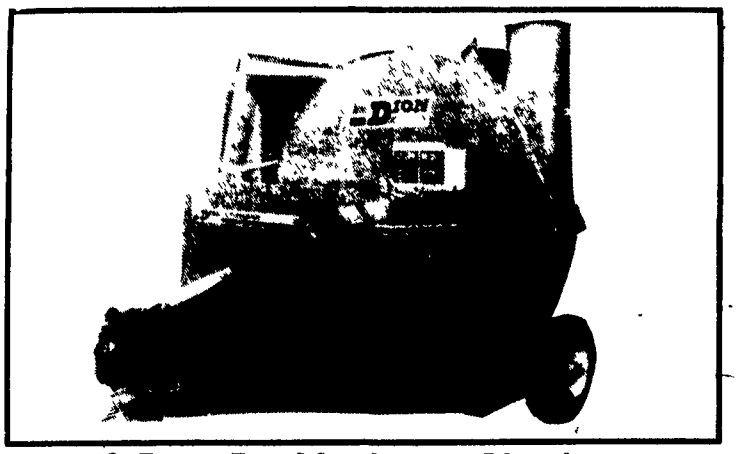
#1 In Forage Boxes
Both Left And Right Unloading

DION WINDROW INVERTER



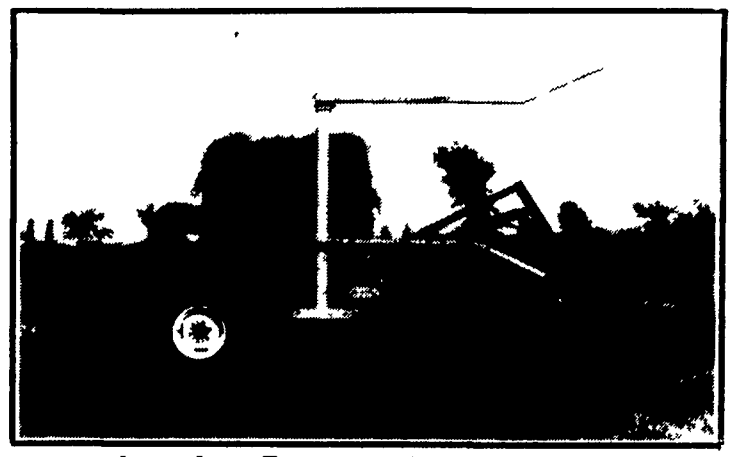
Gently Turns Hay Over To Dry Area
Minimum Leaf Loss - Faster Drying

DION FORAGE BLOWER



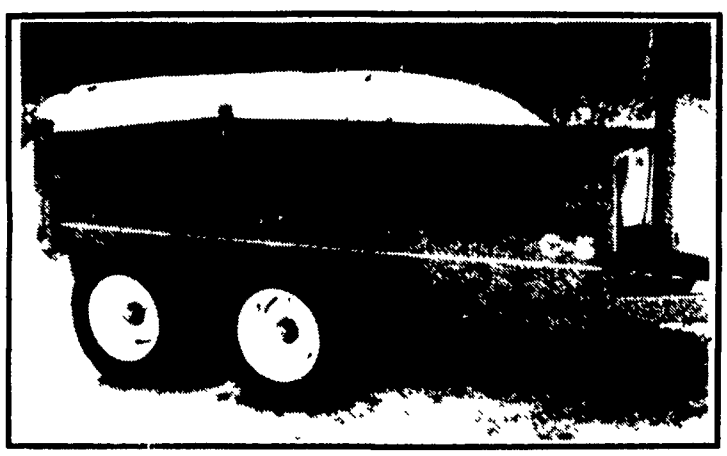
2 Fans For Maximum Blowing
High Capacity

FLEXI BALE HANDLER



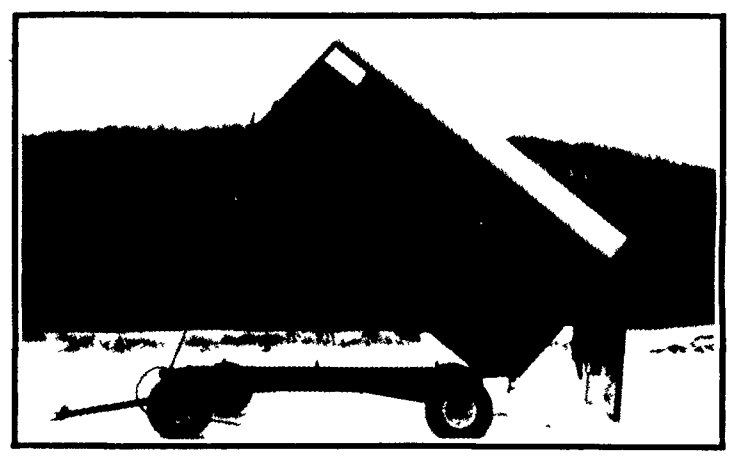
Loads - Transports - Unloads
One Man - One Tractor

HYDRAULIC DUMP TRAILERS



8-Ton Capacity Shown
Other Models Available

SILAGE DUMPER BOX



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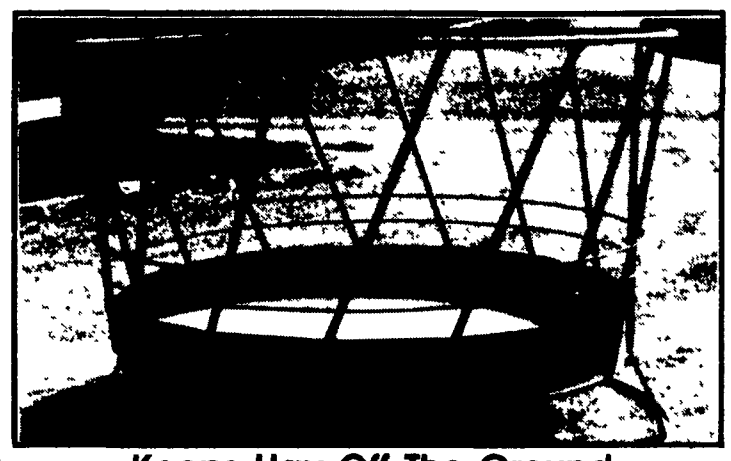
Dumper Box - Capacity 900 Cu. Ft.

FLEXI STEEL HAY RACK

16', 18', 20' Available - Drop Front
Gate As Well As 2 Side Doors

ROLL-A-BOUT HAY FEEDERS



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Just Roll It To Clean Area

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MAILBOX MARKET
FOR SALE

Trailers, 3 axle, 16' $1550, 2 axle 8'x12', $2700, both new w/ramps, jacks & brakes Col Co 717-784-1779

Small herd of Reg Jerseys, all ages Adams Co 717-334-7060

5000' 6" ern pipe 2 large sprinklers, tees & elbows & cross, 20' sect some 3" & 2" pipe Berks Co 717-933-4571.

2 Nubian billy goats, no horns, no smell $95 ea, 2 Suffolk rams $85 ea Montg Co 215-287-9897

8' 2 lever spring harrow 24 teeth #1 cond, $150 York Co 717-252-3296

1950 Ford F-7 dump truck, motor stuck, good tires $650 Lanc Co. 717-529-2126.

NH 1880 late model 3-row narrow harvester, cornhead & hay pickup, 870 hrs, $9500, supreme blower used little, $995 Lanc. Co. 717-665-4239.

Open buggy in excel cond Roy Fisher, 90 Hess Rd, Quarryville, Pa 17566 Also Wanted Conde milker

NH 880R2W corn head $75, JD 54 manure spreader, 8x18 steel tubing hay wagon on 8 ton gear $950. 215-445-4910

2 sets of knives for Fox harvesters, #'s are 20005 & 2063 Union Co 717-922-4168

Tires 2 13 6, 38 6 ply 2 6 00 16 all on rims $200, Farmall H on steel $750, nice Berks Co 215-683-7921

540 OMC stacker, like new cond, $2000 Franklin Co 717-597-7743

Chahuahua puppies 1 yr old black male $50, 12 wks male creme color $70 Israel Stoltzfus, 1536 Kirkwood Pike, Kirkwood, Pa 17536

Mulch hay over 200 bales 80¢ ea you haul Harford Co. 301-452-8431

Old rug loom w/ accessories, fair cond., needs some repair, asking $100 Dau Co 717-939-3268

Woods Bros. corn picker $65, JD disc plow $125, 8"x8' tool shed $400 York Co near Rohlers Church Paul L. Hoffman, 510 Circle Dr., E., Dover, Pa 17315

NH 305 side discharge spreader used very little like new Berks Co 717-933-8134

Endless cutter belt approx 100' in exc cond Ira J Stoltzfus Sr., 326 Spring Garden Rd, Kinzers, Pa 17535, Lanc Co

Steer hay pick-up at farm $1 00 a bale Lanc Co. 215-484-2518

JD model 40 PTO manure spreader, very good cond, $700. Col Co 717-458-5779.

Medium duty special construction trailer 7'x18' w/ tandem wheels all steel made 717-428-1217 call eves

1- 10 pt buck cement deer life size will load on open pick-up truck, $150. 717-865-4931

1978 C50 Chevy dump truck good cond., good tires $4500, GT570 grain dryer, good cond, reasonable. Leb Co 717-469-2138.

No 2 Cinnc. horiz. mill B.O. 30 ton press like new $300, Wisc. engine w/clutch & 1-1 reducer v/g cond., $400 Lanc Co. 215-445-9190

Buggy w/12-volt lights good cond, wanted chisel plow 5-shank 26" or 20" shanks. Michael S Esh, 841 Winter Hill Rd, Strasburg, Pa 17579

Hobart automatic meat slicer, Hobart 32 meat grinder wells splitting saw 2- 15 5 tractor tires, JD rims real good w/fluid. York Co. 717-266-2632.

69-72 Blazer & Jimmy parts, tops, doors, rear doors & end gates, also many parts. Lanc. Co 717-626-4359.

IH 574 tractor, NI No 14A spreader, bin wagon, NH 707 harvester w/2 head. 215-777-4272 or 215-777-0052

50 Comm ewes, suffolk dorset & polypay crosses your pick $75 ea Berks Co. 215-756-6154.

9" metal silo pipe $2.00/ft., Case #850 track-loader w/ ripper, brakes just rebuild, new paint, asking $12,900 Sch. Co 717-345-4882.

AKC Samoyed puppies, 1st shots & wormed, ready now call after 5 Mifflin Co 717-899-7879.

Belgian sheep dog female puppies for sale, champion parents pet, show & obedience, written health guarantee. 215-845-3707

Purebred border collies no shots, no papers, $25 ea, 6 wks old Lanc Co 215-445-5953

Cheviot ram lambs, nice. Cumber. Co 717-776-3515.

New copper Cupola w/ large copper rooster weather vane approx. 30x30 roof opening. York Co. 717-428-1562 after 5 p.m

3 RN Uni corn-head $1250, 1 to 3 phase converter w/5 hp motor, $475 717-483-6656.

NH 311 baler very good cond John J. Beiler, 41 Slaymaker Hill Rd, Kinzers, Pa. 17535.

Cub w/culti., 4' disk, sickle bar, PTO, plow, JD lime drill, dbl. ridgers, grain drill, gravity, hay wagons, 3 (16") oliver, packers, sided-ressers for JD, IH fast, 1 ph power harvest, farm tables. Salem Co. 609-358-8625.

1 male peacock blue. Montgo. Co. 215-723-2905.

Pool cover like new used 1 season for 16x32 pool, also 1 air bag $70. Del. Co. 215-459-5733

Sheep suffolk $40-$50 apiece, 6 left. Northampton Co. 215-691-3505.

MH pony tractor w/PTO hyd good rubber $1000 cash pr, JD A rims $100 York Co. 717-938-6322.

Barbados ram lambs, black belly nice horns, great for cross breeding, very hardy & vigorous, $45 ea Bucks Co 215-822-1639.

1949 Diuco milk truck 6 cy continual restorable, $500 John Tutton, Rt. 4 Box 929, Front Royal, Va. 22630 703-635-7058

1978 FL250 Honda Odyssey 5x10 tilt-bed trailer, Oliver 4-16" hyd reset plow. Warren Co 201-453-2491.

Firewood, hardwood, slabwood in ½ cord bundles, ½ price, now till Aug. 31, $5 ea., loaded. Lanc. Co Shirks, 717-354-0192

Northfield 5 HP, 3 phase Uni-pt saw mod.x36 AF 16" like new, walnut & cherry Warren Co 201-453-2491

Gooseneck trailer 1988 Int 20' w/4' beavertail & deck over tong $3400 firm 301-834-7696.

AKC Cocker spaniel puppies, 3 females buff $150, shots & wormed. Bedford Co 814-224-2578.

MF 255 tractor 264 orig. hrs., JD 2 row potato digger/4 wheel spreader. 716-437-2796.

Case 450 crawler loader excel. undercarriage 65% $12000, 2- 15" air ride axles, 11' rollover snow plow. Snyder Co 717-837-1978.

Old unit crane on rubber runs, 25' boom $1400 or will trade on 4 wheel drive loader Perry Co. 717-438-3832

8x16 produce stand built on wagon portable $500, Franklin Co. 717-532-3989

68 Int. Loadstar dump bed 15 ton dual cyl. hoist 21,000 GVW inspected $3000 or best offer. Leb Co. 717-964-3081.

Coal burning units, 1 Boumatic, 1 keystoker $200 ea, old barn lumber. Leb. Co. 717-838-4875, 9 a.m. or 9 p.m.

20A land w/timber road frontage. 717-573-2373.

Model 600 Bobcat loader & new hyd. auger can be seen at BS&B Repair. Mifflinburg-Union Co 717-966-3756

Bunnies lopp ear, 6 wks old, great pets, $10. Berks Co 215-775-4093

JD 3 btm 16" 3 pt. plow, $323 NI compicker, gravity bin, #269 NH baler & wagon gears Dau Co 717-896-3656

Truck cap, full size light weight w/bubble glass & slide in unit w/table, sleeps 4, $295. Leb. Co. 717-865-5340.

4 new litter carrier wheels 2 box brackets, JD 45 loader cylinders silage spreader model 1016 multi-flo silage spreader used 3 yrs. Union Co. 717-524-4901.

Corn bin wagon lrg. heavy duty NH running gear $500, 13 tooth chisel plow transport, $850. Lanc. Co 717-872-8457

6 yr old standardbred trotter, no ladies horse Reuben S. Allgyer, Box 467, RD#2, Parkesburg, Pa. 19365, Chester Co.

1 Polypay buck 4 yrs. old, 1 Dorset buck 2 yrs. old, both well proven. Dau. Co. 717-657-0830.

Gravely 12 HP 2 wheel w/50" mower stear brake duals $1400, 8' truck cap $50, RM59 Woods mower $600. Berks Co. 215-589-5164.

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AKC male beagle 1 yr old, ex. hunter also 4 7 wk. old AKC beagle pups, $100. Lanc. Co. 717-768-3404.

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3 yr old saddlebred horse sound broke to carriage style & snap. Elam F. Stoltzfus, 210 Farmland Rd, Leola, Pa. 17540.

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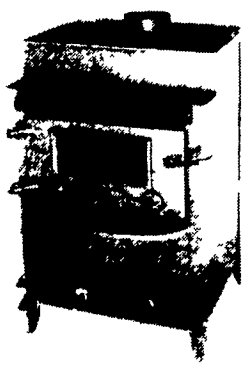

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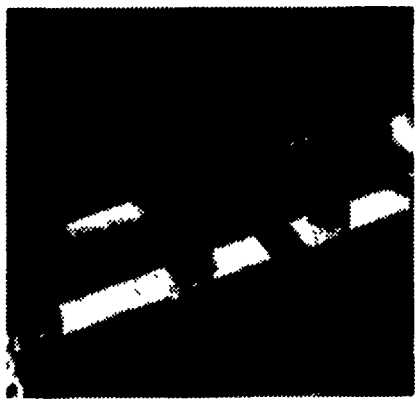

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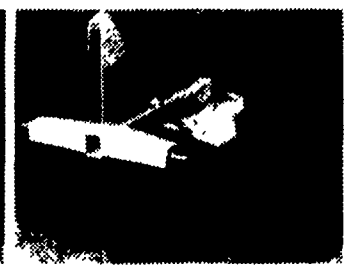

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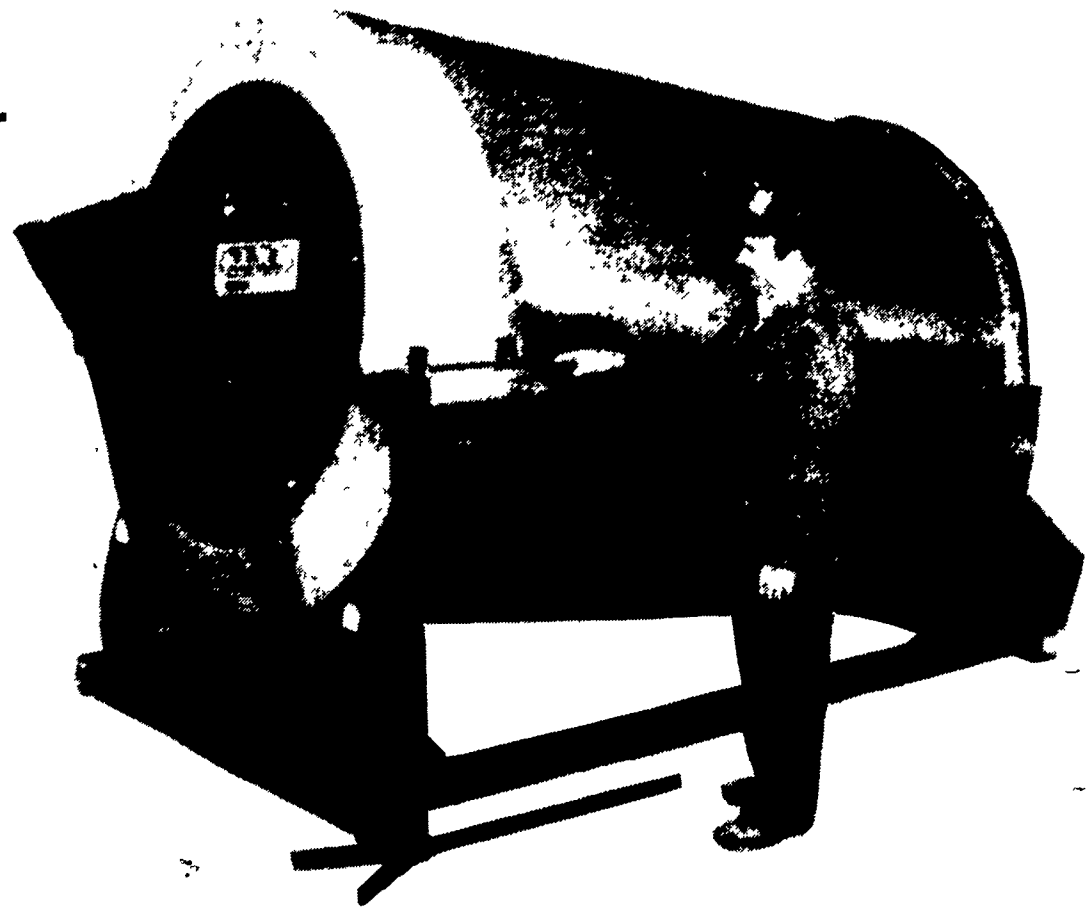

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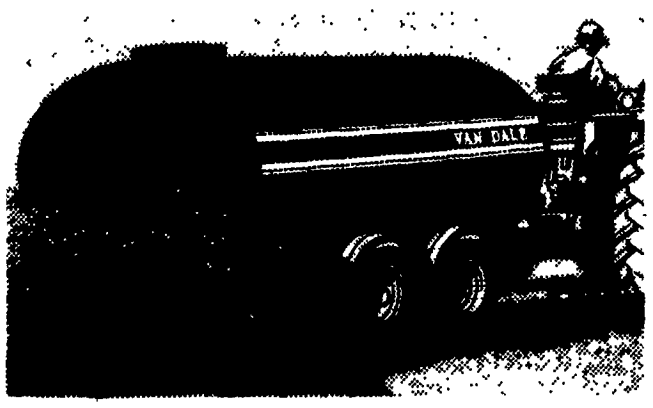

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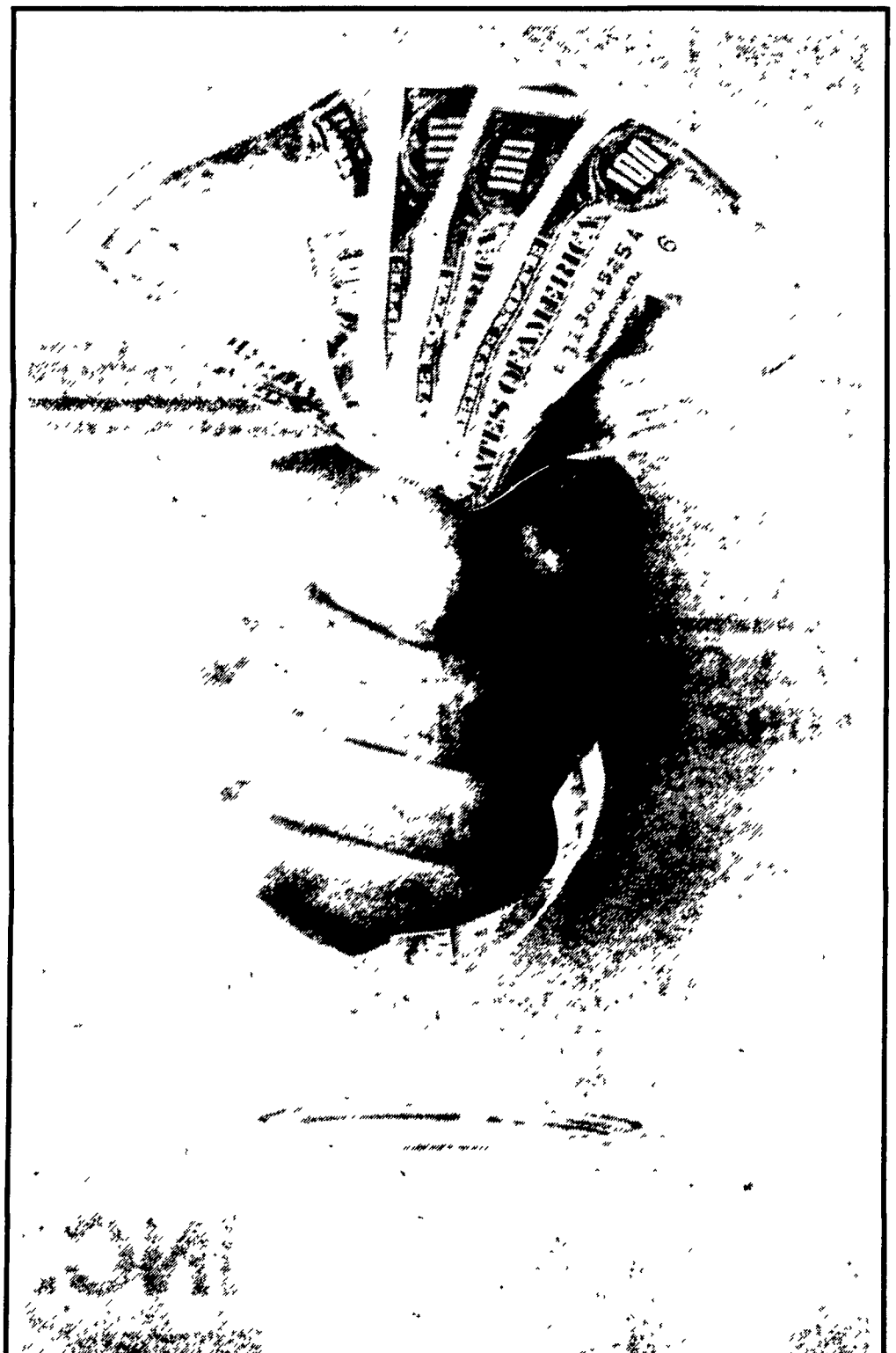

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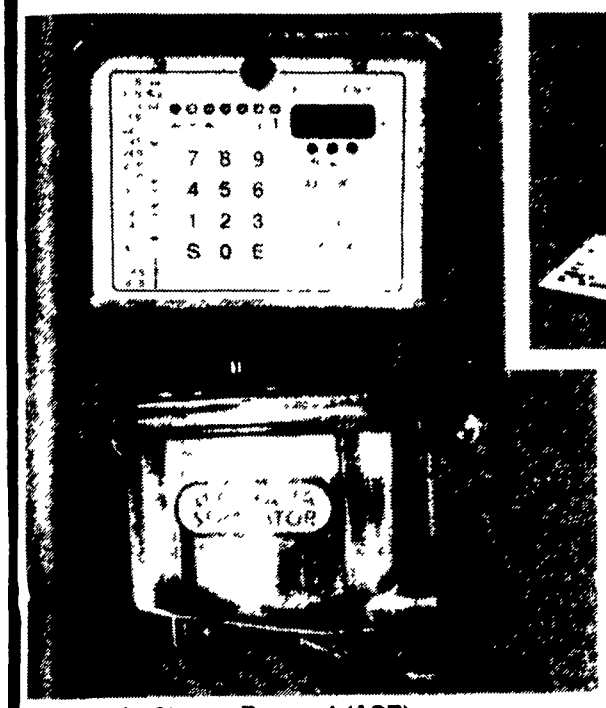

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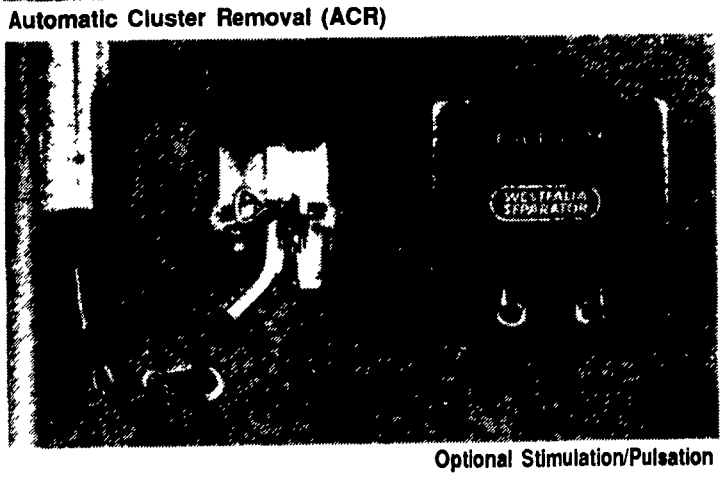

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6600 JD combine 14 ft. grainhead shed kept, field ready $7800. Clean timothy seed $22 per bu Bedford Co. 814-735-4736

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JD 730 tractor gas, needs electrical work, flywheel was redone, clutch disc are new, can deliver Hunterdon Co 201-806-3196

Reg Shorthair pups, born 6/22/90, excel bloodlines, $250, will deliver. Balto Co 301-343-1477

50 gal field fresh H M. corn or legume preserver, 60 gal elect water heater, hood w/gooseneck for 5' Brady chopper York Co John E Stoltzfus, RR 1 Box 164, New Park, Pa 17352

#2 Injector for 24T baler, $400 York Co 717-993-2439

2x6 lumber 12'-16' length, $2 50 to $3 50/each, AC WD45 tractor w/12 volt system, $975 215-445-4309

AQHA reg 3 yr old mare, grey, green, broke, $800. 717-949-3246

2 horse thoroughbred trailer needs paint $950 717-865-3278 after 5 p m

1985 Bronco II 5 sp air high miles, first $3000, backhoe attachment fits 25 hp or larger tractor trackmaster bulldozer parts loader Berks Co 215-679-3740

Potato digger, tow type, asking $275, 1965 Impala, 4 door hardtop, 1200+ beer cans, no current, $600. Berks Co. 215-926-4894.

2 Acre farmette early 1900 log house, 2 story bank barn, auction on Sept 10, 7 p m Berks Co 215-926-5312

1978 4x4 ¾ ton Dodge pickup 3/8 engine, 4 spd inspected ready to go, $2100. Lehigh Co 215-285-2611

600 gal. skid tank w/hand pump $200, extra large fancy copper pot $800 Pike Co 717-588-6350 eves

1880 chopper hydrostatic drive 453 Detroit, good cond , also power unit overhauled unused Samuel Leid, Plymouth, Ohio. 419-896-3405

Complete egg-o-pack system round table vac pack vac pump egg-o-matic transfer for a bargain. Lanc Co. 717-733-8390.

Oliver crawler loader hg farmall bn two I beams 14"x21' Chester Co 215-495-6135 call after 4 p.m

Chevy 305 motor just completely overhauled, 214 NI manure spreader, good cond. Schuyl. Co 717-345-8815

New cedar chest $135 717-859-3495

79 Chev 4x4 1 ton C30 auto w/positraction as is best offer, 3 row corn picker, JD mounts $1200. York Co 717-697-9523

Rear, Ford truck heavy duty bumper for pickup, new 8 hole 16.5 rims. Leb. Co. 717-273-6018.

6'x16' gooseneck stock trailer, new running gear & good 8 ply tires $1200. Dau. Co. 717-533-7051.

366 CI truck engine can hear run, 5 spd , Clark trans , both out of 65 series Chevy York Co 717-229-2427

Treated fence posts 6½ ft.x3½ to 4½ in diameter $3.50 post. Berks Co. 717-933-5334 or 717-933-5349

2 new patten leather collars 18" & 19" $100 ea , new fancy pony work type briddle $39, ship UPS Leb Co. 717-272-6819

NH L555 skid loader very good cond , many extras, also 16' Hudson trailer Lanc Co 717-575-2802 call between 8 a m and 5 p m

AKC yellow & black lab puppies good temperament & bloodlines, ready 8/28, $150 717-734-3154.

RC Case tractor $500, 2 heavy-wght fire hydrants $100 ea Bucks Co. 215-348-3385

Hesston 10 stacker $1200, IH 784 D tractor, AC G diesel combine 2 heads, $3200, Mustang 1000 skid loader parts. 703-363-5383.

78 Cherokee stick 4 wd just passed NJ inspection, 68 Scout 4 WD as is best offers. Warren Co 201-453-2549

Like new MF 206 spreader w/like new Gratz chain extra pintel chain like new, look you will buy Perry Co 717-536-3241.

Newfoundland puppies, AKC reg. shots, wormed, 10 wks. old Leb. Co 717-367-7367

4 standardbred yearlings, fillies NJ SS numi, delivery available, 1 pacer, 3 trotters NJ. 201-938-9208.

Excell timothy hay $2 00 per bale, straw $1.00 per bale, IH #10 bale thrower not complete $100 Berks Co. 215-683-7206.

16' Badger silo unloader $400 or make offer. Chester Co. 215-932-8382.

Farmall cubs good cond., 1 has loader plus other cub equipt Wanted-320-S/330-S JD Monroe Co. 717-992-4863.

Westhighland terriers, AKC, breeders, 2 males, 3 females, $600 delivered, female red chow, AKC $150. Augusta Co. 703-337-7277.

Marlow irrigation pump 210 GPM 9 HP B&S gas engine w/suction pipe $350, 6 HP snapper riding lawn mower $265. Glouc. Co. 609-468-6286

2 Yale 5 ton chain hoist 1 w/ trolley $100 ea., tool boxes for sale of pick-up $50 pair. York Co 717-235-8166.

AKC White German shepherd pups, 5000' storage space for rent. John Stoltzfus, 5254 Denlinger Rd , Gap, Pa. 17527, Lanc. Co

Ear corn good quality $100 a ton, 40 ton. 717-284-2417.

MF 72 combine, 10' grain, 2 row corn, many new belts. York Co 717-235-6733.

MAILBOX MARKET
WANTED

Small wood or coal stove, front door opening, Lanc. Co. 717-445-5657.

Jack Russell terrier female. Lanc. Co. 717-299-2272.

Steel wheels for MH 44 tractor. Benuel L. Stoltzfus, 225 Vogansville Rd., New Holland, Pa. 17557.

8" jointer prefer powermatic will consider other models must be in good cond., Lanc. Co. 717-354-2732.

Looking for 1966 Mustang for parts & 1970 "Cuda", charger, challanger running cond., or parts car. 717-865-3025 or 717-866-4737

A pair of ringneck doves, pied color, local only. Leb Co 717-865-2589, call Monday thru Thursday.

3 bot. automatic reset plow, good cond. Lanc. Co. 215-445-7191.

Kubota Ford JD midsize tractor w/loader, backhoe or small crawler dozer or loader. 609-629-6596.

Willys farm jeep 3 pt. hitch, newgren farm equip. Lehigh Co. 215-395-3562

275 NH baler for parts, 1000 PTO shaft for 8600 Ford. Juniata Co 717-589-7481.

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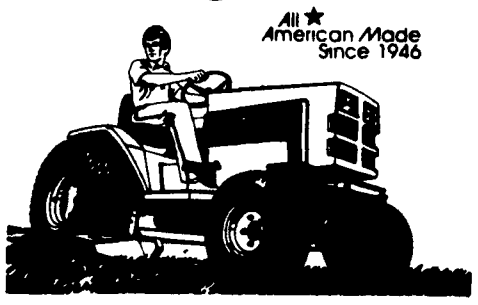

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MAILBOX MARKET
WANTED

Cow mats must be in good cond. Write- B K Stoltzfoos Jr , 3773 E. Newport Rd., Gordonville, PA 17529.

Band saw for cutting meat Call J. Skwara, Trenton, NJ- 609-896-947 after 6PM.

Wet lime spreader in good cond. Also for sale. 1965 MM Jet Star 3 good Rockingham Co., VA. 703-833-8400.

Smooth mouth work horse Dau. Co. 717-469-2897.

Organic farmer 20-75 acres Lutherville Balto Co. No housing. 301-823-2640.

Used chain link fence all sizes & heights. Cecil Co Md. 301-658-4213.

Guinea pigs, large amount 16 oz. up $1.50 up, will pick up monthly. HC 69 Box 24, Harvey, AR 501-299-4602.

Small walk-in cooler w/220 hook-up, Lanc. Co. 717-284-3627 after 6 p m.

7x7' overhead door in good cond. JS Beiler, 132A N New Holland Rd , Gordonville, Pa. 17529, Lanc. Co.

Bandsaw 14" or larger, prefer older, heavier, model working or fixable 703-273-3800 days Prince William Co., Va.

Milk house tile (tan) approx 200. length, 12"; width, 4"; height, 5". Write to: Henry S. Esh, 619 W. Lincoln Ave., Lititz, Pa. 17543.

New or used greenhouse wanted will dissemble & remove, size 28x96 or similar size. 301-489-5048.

Wanted to rent tub grinder for grinding bark, mulch Lanc. Co. 717-442-8223

Elect. juicer used Lanc Co. 717-687-6361.

Mandarins, wood ducks, cackling geese, mute & black swans, emu, rhea, ostrich, barbados sheep, buffalo, fallow deer Mifflin Co 717-543-5231.

Minn. Moline model V206-4 motor block, RE101-A, whole engine or parts, usable cond. Berks Co. 215-678-1800 noon or 4PM.

Cub Farmall manual for sickle bar mower photocopy o.k. Bob Finke, RD1 Box 58, Seven Valleys, PA 17360 York Co 717-229-2797.

All types of dairy farm equipment for starting dairyman. Also need fencing heifers, tractor & fresh cows Bucks Co 215-345-0946

Used MF 924 or Badger BN1099N 9' haybine, good or parts, need bottom rubber conditioning roll. 814-238-5888.

Cash paid for old wooden doors, interior or exterior, in good cond. Chester Co 215-431-3732.

Farmmaster TMR mixer 1000 bu. JD 2020 tractor w/ loader good 273 or 311 NH baler good NH haybine. Lanc. Co. 717-738-3104.

Wanted to rent- Christian couple needs 2-3 bedroom house, reasonable rent. 717-898-8104 after 4 p m

MAILBOX MARKET
NOTICE

WATER RAM information booklets send $10 00 G. Kotula, Merritt-Parkway, Reading, PA 19608-1013 FALLING WATER PUSHES WATER UPHILL.

JD PTO corn binder w/ carrier, long loader on rubber A-1 cond. to be sold New Holland sale Aug 17.

JD MT w/plow, cults , & sickle bar cutter motor good but needs clutch $3200 717-739-1179 after 6PM.

Paso Fino owners breeders this wonderful horse. Contact Paul Wohlert, 283 Vintage Rd., Paradise, PA 17562. 717-442-9239

Bantam chickens free! Chester Co. 215-869-2791

Trade- 1 purebred Barbados black bellied ram for round top trunk or jelly cupboard in good cond. 703-459-3564

Lost a driving bridle 3 miles S of Strasburg along Weaver Rd J.S Lapp, Gordonville, PA 17529

Sale Reports

FARLOW ESTATE SALE

A public sale of real estate and household goods was held August 4 for the estate of Alice E. Farlow, 412 N. Academy Drive, Ephrata, Lanc. Co. There were 382 registered bidders at the sale.

The brick Cape Cod house with an attached one-car garage was sold for $89,000 to Robert and Mary Mellinger of Ephrata.

Other prices received were: 1960 Studebaker $975, Stohler post-hole ax $65, Carnival vase $70, small inlaid chest $180, Winchester model 64 rifle $340, modern grandfather clock $1000, set of half-spindle chairs $420, walnut washstand $450 and child's rocker $200.

The sale was conducted by T. Glenn, Timothy G. and Thomas A. Horst.

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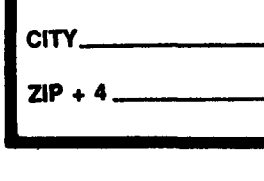

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(2) 2-dr refrig • (2) freezers • ice machine • stove • grill • steam table • dishwasher • stainless steel tables • 20 qt. mixer • tables • chairs • dishes • cookware • and much more.
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J. Robert Meyers, AU-000-601-L — Auctioneer
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PUBLIC SALE

FARM EQUIPMENT & ACCESSORIES

To be held at 7760 Royer Road, 2½ miles east of Route 75, 6 miles south of Mercersburg, Franklin Co., Pa., 4 miles north of Maryland state line, on:

FRI., AUGUST 17, 1990
at 9:00 A.M.

MACHINERY— W.C. Allis Chalmers tricycle tractor; W.D. 4 Allis Chalmers tractor with D17 kit and New Idea model 50 hydraulic loader; W.D. Allis Chalmers tractor; 2-row A.C. cultivators; A.C. 2 bottom 12" plow, fits A.C. - C.A. tractor, A.C. 2-row tool bar; A.C. table blower and pipe; A.C. P.T.O. flail chopper; two A.C. trip-back 3 bottom plows, one 14" 387 bottoms and one 16" 375 bottoms; Super N.H. model 68, P.T.O. baler with thrower, crank controlled; Model 469 N.H. P.T.O. haybine; New Idea 3 beater P.T.O. manure spreader; New Idea 2-row P.T.O. corn picker; New Idea 4 bar rubber-tired rake; J.D. model 5 - 7' P.T.O. mower; two McCormick Deering double disk harrows; 18,000 watt P.T.O. generator; Case P.T.O. stalk shredder; J.D. model 34 - 1-row harvester; J.D. 13 - 7 Van Brunt grain drill; single cultipacker; 2-wheel trailer; P.T.O. post hole digger; Ber-Vac P.T.O. snowblower; 150 gallon P.T.O. sprayer with plastic tank; 32' Sam Mulkey elevator; 16' corn elevator; Little Giant elevator; heavy duty Coby Melta self-unloading wagon; two 165 bu. grain bin wagons; 3 bale rack wagons; rubber-tired wagon and flat; 24-tooth drag harrow; 3 P.H. fertilizer spreader; P.T.O. seeder; etc.

MISCELLANEOUS— 50' - 6" drive belt; belts; hay fork; cross cut; block and tackles; rake; grain cradle; wire stretchers; blacksmith forge; potato plow; heat houser; saw mandrel; corn sheller; platform scales; snow fence; Syracuse horse plow; feed carts; forks; two water troughs; 300 gallon skid tank; etc.

DAIRY— 300 gallon Dairy Cool stainless steel milk tank; 3 DeLaval milker units; 10 good milk cans; wash vats; buckets; strainers; etc.

AUCTIONEER'S NOTE: Mr. Gehr has rented his farm land. Much or all of the A.C. machinery was bought new by the Gehr family.

TERMS: Cash.

RICHARD & DOROTHY GEHR,
OWNERS

PUBLIC AUCTION

VALUABLE 9 ACRE FARMETTE

WED., SEPT. 19, 1990
6:30 P.M.

Location: Take May Post Office Rd. South of Strasburg, Pa. 3½ Miles to White Oak Rd. turn right to property on the left. Across from Strasburg Pallet Co. Or from Lancaster, take Rt. 222 South app. 12 miles, turn left on White Oak Rd. at Prange's 222 Service Station, go 3 miles to property on right. Strasburg Twp.

This 2½ Story, 3 bedroom & bath frame structure has alum siding & storm windows & doors. A closed in front porch w/glass sliding doors, Modern kitchen, dining & living room. Full attic. Wall to wall carpet, laundry hook up in basement w/outside entrance. House is heated by coal & wood. One room summer house in rear, beautiful lawn w/matured shade trees & shrubbery, long macadam drive way. Barn is app. 30x50 bank barn only 2 yrs. old w/vinyl siding. 2nd Floor storage w/pull down door. Excellent for horses, cattle or sheep. Other storage bldg's included, pond on property.

Auct's Note: This property has been well cared for and is ready to move into. A beautiful country setting on 9½ acres. Must see to appreciate. Insp. Dates: Sat's Sept. 1 & 8 from 1 to 4 PM. Or call for appointment 717-786-4987. Terms: 10% Down day of Auction, balance in 90 day settlement.

TERMS BY

SAMUEL S. BEILER

Auctioneers Conducting Auction:
Lloyd Kreider, AU000513L, 717-786-3394,
Randal Kline, Roy Good

KREIDER & KLINE AUCTIONEERS

Sale Reports

BAWELL ESTATE SALE

A public three-day auction was held August 3 and 4 and will continue August 7th. The sale was held for the estate of Daniel Bawell, Jr. on South Groffdale Road, Bareville, Lanc. Co. There were 355 registered bidders at the sale.

Some items sold were: horse $850, cabin tent $150, engine gas tank $260, sled $400, carts $350 and $400, spring wagon $545, baker's wagon $475, a one-year gas stove $260, cedar chest desk $490, chest of drawers $270, oak bookcase combination $1400, oak wardrobe $700, oak rocker $250, cane rocker $225, Troy rototiller $1225, camper travel box $450, Kubota generator, $540, sprayer unit $110, riding lawn mower $240, Winchester model gun $425, two Maytag washers $220 and $300, and a 30 Springfield gun $260.

Robert E. and Jeffrey R. Martin and Randall L. Ranck were the auctioneers.

HURST SALE

A two-day public sale of antiques and furniture was held August 3 and 4 by Irwin L. and Sara T. Hurst, 364 Spring Grove Road, East Earl Twp., Lanc. Co. There were 350 registered bidders at the sale.

Some prices included: oak china closet $5050, Dutch cupboard $2300, rocking chair $1400, gun cabinet $540, drop-leaf table $325, marble-top table $450, Winchester rifle $925, 12-gauge Winchester rifle $310, crockery bowl $80, two sugar bowls $120 and $190, ironstone teapot $110, toy roller coaster $85 and Seth Thomas mantel clock $190.

The auctioneers were Audrey E. Weaver and Robert R. Rissler.

PUBLIC SALE

OF 1.1 ACRE LOT, TOW MOTOR, METAL WORKING MACHINERY, TOOLS & PARTS

LITITZ/WARWICK TOWNSHIP

MON., AUGUST 20, 1990

AT 10 A.M.

REAL ESTATE 2 P.M.

Located at 612 Owl Hill Rd., Warwick Township, Lancaster Co., PA. (Directions: Rt. 501, south of Lititz, turn east onto Owl Hill Rd. at Burger King, follow Owl Hill Rd. to sale.)

REAL ESTATE

1.1 ACRE TRACT OF LAND

153' m/l road frontage, zoned R-2.

ALLIS CHALMERS 1-600 TOW MOTOR (21' lift); WORMSER MOREY IRON WORKER; 22" DRILL PRESS; HYDRAULIC PRESS (60 ton); 30" METAL TURNING LATHE (taper & bar att.); METAL BAND SAW; Cement Mixer w/Gas Engine; Chain Hoists (Electric); Milling Machine; 7½ H.P. Engine; Steel Work Benches; Platform Carts on Wheels; Portable Skids; Electric Shears; Impact Wrenches; Polisher/Grinder; Bench Grinder; Porta Power; Spotnailer; Air Guns; Pipe Wrenches; Socket Sets; Wrenches; Bolt Cutters; Tap & Die; Rigid Pipe Threaders (to 2"); Wire; C-Clamps; Chains; Load Tighteners; Storage Bins; Hydraulic Motors; Nuts & Bolts; Motors; Pulleys; Shelving; Case Tractor Sign; Egg Baskets; Milk Cans; Steering Wheels; Tractor Tires; Crosley Transmissions; Steel Bars, Pipes, Angle & Flat, Rodding & Tubing; Scrap Iron & Steel; Water Coolers; Machinist's Tool Chest & Tools; Micrometers; Callipers; Squares; Lathe Attachments; Vises; Platform Scales; Hydraulic Controls; Nuts, Bolts; Model T Ford Engine; Truck Parts.

Terms By:

Stanley Mellinger
S.M. Mfg. Co.

E. Richard Young, Atty.

HORST AUCTS.
T. Glenn
Timothy G.
Thomas A.
AU438L
859-1331 — 738-1245
"VOICES OF EXPERIENCE"

PUBLIC SALE

VALUABLE REAL ESTATE

SATURDAY, SEPT. 1, 1990

1:00 P.M.

Located 8 miles south of Quarryville, 1½ miles north of Route 272 from Little Britain, ½ mile east of Little Britain Road, at 280 and 298 Jackson Road, Little Britain Twp., Lanc. Co., Pa.

REAL ESTATE

1¾ A, more or less, Corner Property. Six room frame house, with enclosed porch and large wash house. Slate roof, full basement. Windwheel with water supply tank. Well.

Frame Barn with two box stalls. Pole barn with carriage shed and feed room. Fence lot for hogs, with two shelters.

Christ A. Beiler
Emma F. Beiler
Owners

ALSO SAME TIME AND PLACE - ADJOINING PROPERTY

2½ A. more or less

Four room 24'x55' Modular Home on concrete foundation, with full basement two baths. Enclosed porch. Well.

Concrete Block 54'x54' thirty crate farrowing house, with nursery and boiler room.

Twenty-four crate, concrete block three room farrowing house.

Gestation Barn 22'x90' for seventy-six head.

Concrete Block 16'x32' two floor barn with truss roof.

Like new 30'x36' Horse and Carriage Barn.

Jacob B. Stoltzfoos
Rachel F. Stoltzfoos
Owners

These premises are both ready and are now being used as a productive swine operation.

Offered as separate units and as a combination.

Inspection anytime except on Sundays.

KEN COVELENS, ATTY.
DIFFENBACH'S AUCT. 225-L

MAILBOX MARKET AD FORM

Only ads submitted on this official form will be published in our mailbox markets.
Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale____ Notice____ Wanted____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mailbox Market. Subscribers using the Mailbox Market MUST use this form with mailing label attached and will be governed by the following rules:

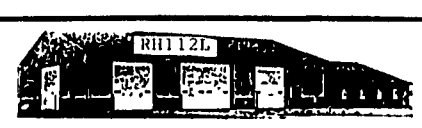
Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to:

Mailbox Market
Lancaster Farming
P.O. Box 609
1 E. Main St.
Ephrata, Pa. 17522
No Phone Calls Please

SPECIAL EQUIPMENT SALE

At



Diffenbach's New Holland Auction Center, Ltd.
100 WEST JACKSON ST. • BOX 485 • NEW HOLLAND, PA. 17557
PHONE (717) 355-7253 (717) 393-4464 (717) 354-3297

FRIDAY, AUGUST 17, 1990

9:00 A.M.

Tractors & Horse-Drawn Farm Equipment- Supplies- Small Items

Oliver 2 Row Potato Digger; NI #206 manure spreader; 1973 Dodge station wagon; Ontario 15 disc grain drill; JD #65 Blower; Dion table blower; 43' 8" blower pipe; JD PTO corn binder w/bundle carrier and long loader on rubber; JD 4020 diesel tractor; NI #323 corn picker; JD 3940 harvester w/pickup head; Gehl 1200 harvester w/2 row corn head; NH #718 chopper; IH #56 blower; MF #178 diesel tractor; NH #770 harvester w/corn and hay heads; NH #310 baler; Brillion 8' packer seeder; ensilage cutter; knife sharpener for ensilage cutter, will sharpen 4 blades at a time; Case corn binder, IH corn binder; IH F12 tractor; feed bin w/ pipe; Mustang Skid Steer loader series 1000; 40' tri-axle 2 horse trailer; w/28' full living quarters, fully equipped, air, 4,000 Quincy generator, 6 brand new tires, factory made Marvel; NH 363 flail type manure spreader; snow plow to fit AC-C tractor; Ford Ferguson tractor w/2 bottom plow; Farmall Cub tractor, plow, cultivator and mower; McCormick Deering grain drill; irrigation pump; Rissler built tapered board feeder; Wisconsin air compressor; binder canvas; Dearborne 3 pt. 6' mower; 1950 Chevy cattle truck w/winch; 2 cast iron power feed rip saws; 7500 tobacco lath; JD 3020 dsl. tractor; NH 824 corn head.

New Equipment

5' Rotary PTO mower; post hole diggers; Aerator; stone rakes; box blades; 6' and 7' scraper blades.

New Items From New Jersey Hardware Store

100's of boxes of bolts, nails, washers, large rolls of cable, circular saw blades, gas cans, new paint, shelving, repair links, grinding wheels and stones.

Also new items from a Hardware Store in Northeastern Pennsylvania.

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

Diffenbach's Aucts. 225L

Bonded Licensed Livestock Dealer And Order Buyer

NEXT FARM EQUIPMENT SALE FRIDAY, SEPT. 14

Sale Reports

GRABY SALE

A public Sale of real estate and household goods was held August 4 by John Mays (P.O.A. for) Hilda A. Graby along Swatara Road, between Ono and Water Works, Lebanon Co. There were 170 registered bidders at the sale.

The five acres of land with a brick ranch type dwelling and a two-car garage was sold for $108,000.

Other prices included: 1870 Conestoga wagon jack $110, Cheny claw hammer $34, old children's lunch boxes $31 each, set of blue glass dishes $200, reverse painting on glass $52.50, Cub Cadet 149 riding mower $1825, Little Red Riding Hood doll $105 and sausage stuffer $100.

Weik & Weik were the auctioneers.

SNYDER SALE

A public sale of real estate and a car was held August 3 by Roy A. Snyder, RD1, Blain, one mile west of New Germantown, Perry Co.

The ½ acre of land with a double-wide modular home was sold for $33,000. A 1988 Chevrolet Celebrity car with 20,000 miles was sold for $8900.

Kling's Auction Service managed the sale.

MARTIN SALE

A public sale of real estate was held July 30 by Jerry S. Martin and Lorraine Z. Martin, 459 Fivepointville Rd., Brecknock Twp., Lanc. Co.

The 2.2 acres with a house and a horse barn was sold for $104,000.

T. Glenn Horst and Sons were the auctioneers.

STEFFEN ESTATE SALE

A public auction of antiques was held August 4 for the estate of Bertha E. Steffen, Star Route, Mt. Pleasant Mills.

Some outstanding prices were: two-piece grained dry sink $1750, three-piece oak bedroom suite $1450, grained pie cupboard $475, two doll quilts $260 each, a six-star quilt $775, old Ivory Soap bars $5 a bar, graniteware coffee pot $37.50, button shoes $95, Percussion Muzzle loading rifle $1000, baseball ash tray $70, child's rocker $65 and Currier & Ives birth certificate $25.

Kenneth E. Hassinger and Neil A. Courtney were the auctioneers.

COMPLETE DAIRY FARMING OPERATION

PUBLIC AUCTION

112 DAIRY COWS • FARM MACHINERY SILOS • MILKING EQUIPMENT

MONDAY, AUGUST 20, 1990

— 9:00 A.M. —

LOCATION: East of Lancaster on Route 30. Take Route 896 South for 2.5 miles to West Clover Ave. (at Turkey Hill) Turn right onto West Clover Ave. and follow straight to farm. Boro of Strasburg, Lancaster County, PA.

CATTLE

112 REGISTERED & HIGH GRADES
-CERTIFIED & ACCREDITED-
Rolling Herd Avg. 20,242 - 3.5 - 701
3.3 Pro. 662
Cows peak up to 1381 lb /day

1 over 30,000
10 over 25,000
50 over 20,000

SERVICE SIRES BY SIRE POWER
-REGISTERED GLENAFTON ENHANCER BULL-
put into herd 3/30/90

12 Due Aug.
16 Due Sept.
8 Due Oct.
6 Due Nov.
11 Due Dec.

• SPECIAL MENTION •

#24 Est. 30,788-1010 Avg. 104 3 for 8 mos.
#100 Est. 27,725-899
#104 Valiant Granddaughter 26,013-858 Peak 107 Due 9/7/90
#177 3 yr. old Est. 24,227-779 Peak 125
#33 4 yr. old 24,561-822 (inc.) Peak 111 Due 9/14/90
#189 24,153-794 Due 8/1/90
#144A 3 yr. old Warden 15,061-47-710 Due 9/8/90
#170 Brown Swiss 2 yr. old 19,441-669 Due 9/4/90
#142 3 yr. old Jon Reed Fresh 3/2/90 Peak 90.8 Est. 18,488
#76 Est. 26,447-922 Fresh 11/90 81 lbs.
#148 Fresh 6/17/90 108.5 lbs.
#193 Fresh 6/23/90 108 lbs.
#3 Fresh 7/1/90 108 lbs.
#16 Royal Stewart Fresh 7/5/90 100 lbs.

THIS IS AN OUTSTANDING DAIRY HERD. ONE OF THE FINEST IN LANCASTER COUNTY. DAIRYMEN DO NOT MISS THIS TOP QUALITY REPLACEMENT OPPORTUNITY!

MILKING EQUIPMENT & SILOS

Surge 6-unit, 94 cow glass pipeline milking system, Girton milk tank, Model B2800, 860 gal. cap., Lancaster 20'x65' concrete stave silo; Lancaster 16'x70' concrete stave silo; Fickes 20'x60' silo, (2) 20' Hanson silo unloaders; (1) 16' Hanson silo unloader, Vandale Orbit mixer w/Weightronic digital scales (2500 lb. cap.)

MACHINE BUILDING

(1) 80'x40' Machine Building

NOTE. THIS BUILDING MUST BE DISASSEMBLED AND MOVED FROM THE PROPERTY!!

FARM MACHINERY

J.D. 2750 4-wheel drive w/front end loader, 3980 hrs ; N H L775 skid loader, 1600 hrs ; Int. 140 tractor w/fast hitch, disc, rotary mower, snow plow & carry lift; J.D 2000 4-bottom plow (nearly new); J.D. 6' rotary mower, 3-pt.; J D rotary mower w/3-pt. hitch; 318 J.D. tractor mower w/42" rotary mower w/leaf catcher; M.F. 33, 17 disc grain drill; N.H. tedder; Gehl mixer grinder, N.I. 327 1-row corn picker, Zimmerman 32' hay elevator, Weaverline 424 automatic feed car w/scale, Winco transport PTO generator KW 30; automatic feeder line, Western 7'6" snow plow w/hydraulics; (1) slurry manure pump, 3,000 gal. molasses tank; 50,000 BTU Reddy heater; Handy 680 power washer; (2) 3-pt. hitch field sprayers; weed eater; chain saw; electric fencer, (1) 8-ton feed bin; (1) 6-ton feed bin, (9) barn fans; 22 bags of solar salt; platform scales; wooden feed troughs; battery charger; baler twine; (4) units seed corn; tools

CROPS & SILAGE & HAYLAGE

8 acres corn (ready Sept); 7 acres of late corn; 5 acres of 2nd cut alfalfa; 200 bags of peanut shells; 1400 bales of hay; corn silage; haylage.

MANY MISCELLANEOUS ITEMS OF FARM OPERATION WILL BE INCLUDED BUT ARE TOO NUMEROUS TO MENTION!!

•• LUNCH SERVED ••

PEDIGREES BY: HENRY KETTERING

TERMS: C'A'S'H OR APPROVED CHECK.

INSPECTION: SATURDAY, AUGUST 18, 1990 8AM to 4PM; SUNDAY, AUGUST 19, 1990 8AM to 4PM.

AUCTION BY ORDER OF:

OWNER

AUCTION JOINTLY CONDUCTED BY:

WHITFORD SALES COMPANY

L. ROBERT FRAME, SR. & SON, AUCTIONEERS
P.O. BOX 100, EAGLE, PA 19480
(215) 458-5060 (717) 442-4181
AU-000292-L

SHAMROCK AUCTION SERVICE
P.O. BOX 10, MESHOPPEN, PA 18630
JERRY BURKE, AUCTIONEER (717) 833-5913

PUBLIC AUCTION

Former Mt. Penn High School Surplus Auction

Sat., August 25, 1990

9:00 A.M.

Located in Mt. Penn, Pa., Berks Co. (south of Reading). Take 25th St. off of Perkiomen Ave. (across from Wendy's) & go 2 blks to sale. Corner of 25th St. & Filbert. SALE SIGNS POSTED DAY OF SALE.

S.S. **Market Forge** 2-door elect. steamer, lge. **Hotpoint** elec. stove w/4 grill type burners, lge. elect. auto. 2-door convection oven, S.S. Vulcan 2-door oven w/stand & bottom shelf, approx. 20 ft. S.S. hood w/lights & grease filters, a lge. tilt container w/pour spout **Hilbert model TK-2**, S.S. table approx. 9 ft., (2) S.S. sinks w/single side boards, (2) Pinnacle S.S. standup refrigerators (1 w/3 doors + 1 w/3 doors on both sides), S.S. Sanitary slicer, S.S. **Schaffer** 3-comp. ice cream cabinet, Hobart lge. commercial mixer, 55 cup West Bend coffee maker, formica salad bar cart w/glass top, (3) S.S. tables w/top shelf & single drawer in middle + shelf (1 on rollers), 4-comp. S.S. food warmer on wheels, Hobart S.S. dishwasher w/Hatco hot water booster w/lge. tray loading areas at both ends, approx. 27 ft. elect. serving line table w/2 comp. for ice cream + 4-comp. for heated food & lge, rail along front + sliding doors & shelves in back of table, S.S. sink w/small wash, comp + top shelf over sink, S.S. 15 ft. sink w/dble wash comp. **Note- all sizes are approx. figures,** lge. Nissen trampoline, uneven parallel bars, portable tripod w/ hand crank operated basketball pop out hoop, lge. commercial hand paper cutter (Advance), 3-drawer file cabinet + others, ex. lge. group of formica clad display shelving (sold as unit), 9 wdn. desks (as is), several Pfaff sewing machines without cab. (fair), band stand music holders, piano, assort. round & square top high metal stools, several office chairs (fair), Heyer duplicator, Yates American Y-20 jigsaw, lge. indoor dust collector used in school shop, 4 pipe clamps, Oliver 5" table saw, Walker-Turner wood lathe, all equip hooked up 3-phase +220, grinder on stand, assort. wood remnants, lge amt. of metal foot lockers, lge. amt. of metal & wood cabinets mostly remnants, approx. 58 typewriters & 30 adding machines all name brands, over 300 stacking fiberglass chairs, 100 + wdn. 1-arm desks, Ronco Vickers 870 copy machine + others, Presco humidifier, N.C.R. cash register, 37 typewriter desks, 18 flattop tables, approx. 75 flip-top metal desks w/attach. seat, 7 sm. shop work benches w/2 vises on each unit + 2 seats, 4 typesetting tables, 28 incandescent gym lites, ex. lge. amt. of assort. fluorescent lites, portable & stationary blackboards, assort. toilet & other doors, metal shelving, alum. cookware, pots, pans, dishes etc., vanities w/s.s. sinks, metal wardrobes, some slate top for tables, lots of cabinets & sinks used in biology will be sold by the amt. on the whole wall (as a unit), **NOTE:** Many more items related mostly to school are being added on a daily basis so there will be many items not mentioned to be sold. Metal foot lockers sold by volume, not by the piece. All items to be removed at buyers expense & risk. Neither school nor the auctioneer will be held responsible for accidents & removing sale items.

Terms: Cash or good Pa. ck. Out of state buyers must bring a current bank letter of credit.

Sale Ordered

BY SCHOOL BOARD

Eugene G. Klinger Auct. Service
Hamburg, Pa. 215-562-4286
Lic. No. AU-002138-L
Lonnie E. Klinger App. Auct.
AA-001908-L

CONSIGNMENT MACHINERY SALE

SATURDAY, AUGUST 18, 1990

9:00 A.M.

Located 12 miles north of Lewistown along Rt. 522 at village of Wagner.

Few early consignments including:

Tractors

J.D. 4020 Gas-power shift- W.F.- nice; 8N Ford, J.D. G, nice; International 706- gas-W.F.; J.D. 620; J.D. A; J.D. 70 diesel; Ford 4000 Diesel, like new; M.F. 285, nice, one owner; Oliver 550-D; Farmall WD-9; Farmall M; '74 Chevrolet School Bus.

Farm Machinery

11 A.M.

N.I. 323 corn picker; N.I. 290 Haybine; 8 ft. fort truck bed; Int. 401 Harrow; N.I. 10A Spreader, nice; 10 ft cultipacker, field cultivator; M.F. drill, nice; MF 4 bottom plow; New 13.6x38 tires, 11Lx15 tires; 3 pt blades, rotary mowers; A.C. No. 60 combine; A.C. W.C. tractor; Universal- Skid Loader; 2 horse wagons; 3 pt. hitch for Farmall H or M; 6 ft. trail bush hog; 3 pt. post hole digger; 9'-10'-13' Brillion cultipacker; J.D. 12' transport disk; Oliver 4 bottom trail plow; International Harvestor 2 row head; Fox model 2000 harvester; M.F. 4 bottom semi mount plow; M.F. 7 bottom semi mount plow; J.D. 10-A Hammermill - nice; New 12'x48' corral for cattle; Ford 3 pt field cultivator; Int. 2 pt field cultivator; Int. 3 pt Vibra shank field cultivator; Gehl 95 Grinder Mixer; N.H. 350 Grinder Mixer; 1965 Ford F500 dump truck; JD 720 front weights; many more items not listed.

TERMS: CASH OR GOOD CHECK.

LUNCH

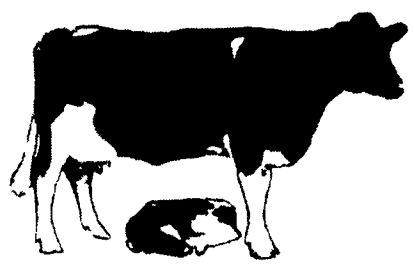
For consignment contact:

IVAN MACKNAIR
R.D. #5 Lewistown, PA 17044
Phone 717-543-5192

Bryan D. Imes, Auct.
R.D. 2, Port Royal, PA
Phone 717-527-2449
AU-001656-L
Lyter, Clerks

AUCTIONEER BRYAN D. IMES

COMPLETE HERD DISPERSAL



FRIDAY EVE., AUG. 17, 1990 ***7:30 P.M.***

At Shady Lane Dairy Sales, Inc., 1/4 Mile West Of Quarryville, Pa., Off Rt. 372 Onto Oak Bottom Road.

2 COMPLETE HERDS, 160 HEAD OF COWS AND HEIFERS

The complete herd of J. Joseph Mullhausen, 1973 Whiteford Road, Street, Md. 21154. This herd consists of 75 high grade holsteins from deep Fond Apollo breeding crossed with Arlinda Chief, making this a top home raised herd of size and quality with no cattle added to the herd since 1968. Several cows fresh in July along with 5 due in September, 1 October, and 7 due in November. Balance all stages of lactation. Atlantic and Sire Power service sires used.

Special mention of 11 big strong herd heifers that are due from now to November.

Top year this herd produced over 1,250,000 lbs. of milk for an average of 17,857 lbs. per cow. This year in six months the average is nearly 20,000 lbs. per cow.

ALSO SELLING SAME NIGHT:

Herd 2- Complete Virginia herd dispersal of 84 head. 31 cows just recently fresh, 27 dry cows, rest all stages of lactation. A top young herd, with sharp dairy qualities.

Selling due to loss of farm lease.

Don't miss these two great dispersals. If you want top cows they will be here.

Sale Managed By

Shady Lane Dairy Sales Inc.

P.O. Box 673
Quarryville, Pa. 17566

Glenn D. Fite **717-786-2750**

David L. Fite **717-786-1725**

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

AUGUST

SAT AUG 11 - 8 30AM, RE, Antique Tractor, Tools, Antiques, HH Goods, Car, located RD 1, Box 238 Palmyra, N Londonberry Twp, Lebanon Co, PA, Roy M Hetrick Estate, Harry H Bachman, Auct

SAT AUG 11 - 9AM, RE, Antiques and HH Goods, located 7 mi. SE of Lancaster, 6 mi N. of Quarryville, at north entrance to Refton along Rt 222, 1347 Beaver Valley Pike, Willow Street, PA, Elizabeth L Herr, owner, Diffenbachs, Aucts

SAT AUG 11 - 9AM, Farm Sale of Estate of Norman A. Trimmer, located 2351 Manor Rd, York, PA, Gary Gladfelter, Auct

SAT. AUG 11 - 9AM, Liquidation Sale of Garage Equip, Antique Shop, located 1¼ mi E. of Millersburg, along Rt. 209 in the village of Reservoir Heights, Jake and Betty Novinger, owners, David Deibler and Ed Shoop, Aucts

SAT AUG. 11 - 9AM, Power & Shop Tools, Antique Hand Tools, Carpenter Tools, Garden Tools, Hardware of All Kinds, Guns, located at Millersville Fire Hall, 25 E. Charlotte St., Millersville, Lanc. Co., PA, Mrs. Nelson G. Witmer, owner, Howard Shaub, Auct.

SAT. AUG. 11 and SAT. AUG. 18 - 9AM Sharp! Both Days, Large 2 Day Sale, 16' Boat Complete, Fishing Equip., Shop, Power Equip., Full Line Carpenter & Shop Tools, etc., located 1 mi. E. of Gettysburg, PA on US Rt. 30 to Natural Springs Rd. thence N. 2/10 mi. to sale at house #152, Raymond F. McCoy, owner, Keith & Kevin Yingling, Aucts

SAT AUG. 11 - 9AM, Antiques, HH, Tractors, Canoes, Tools, located taking US Rt 15 N of Gettysburg, PA, take the Rt 394 Exit E and continue through Hunterstown and New Chester to first hard road right, Conewago Rd, contiue 1/3 mi to sale, Lynn and Catherine Gault, owners, C David Redding, Auct

SAT. AUG. 11 - 9AM, Antiques, Collectibles, Gun, Quilts, Bed Spreads, Rugs, Coins, at the Beavertown Fire Hall, from Harrisburg travel N. on Rts. 11 and 15, then N. on Rt 104 to Middleburg, turn S on Rt 522 to Beavertown, turn left on Sassafras St, Vera Thomas and Lulu Strake, owners, Kenneth Hassinger and Neil Courtney, Aucts

SAT AUG 11 - 9AM, Furniture and Antiques, at Rudnick's Sales, Rt 213 Galena, MD, Harry Rudnick and Sons, Inc, Aucts

SAT AUG. 11 - 9:30AM, Antiques, HH Goods, Winross Trucks, Coins, Building Supplies, located 2 mi. E. of Intercourse at 4010 Old Phila. Pike, Lanc. Co., PA, John L. and Emma Zook, owners, Robert E. and Jeffrey R. Martin, Aucts.

SAT. AUG. 11 - 10AM, 26+/- Acre Farm And Personal Property. Located Along Lake Road, Ruscombmanor Twp., Berks Co. Terms By: Horning Farm Agency, Inc, Agent For Seller.

SAT AUG. 11 - 9AM, Anti-

Sale Reports

TIOGA CO. INVITATIONAL SALE

The 4th Annual Tioga Co. Invitational was held July 31 at Gordon Wood's sale barn north of Tioga.

The top price for a registered cow was $3100 and she was a Mandingo daughter. There were two cows sold for $2800 each and one was a Cletus daughter and the other was a Walkway Chief Mark Daughter.

The average for the 47 milking cows was $1809 and the average for all of the calves, heifers and cows was $1597.

Woods Auction Service managed the sale.

COLONIAL BI-LEVEL

A public auction of a colonial bi-level home was held July 19 at 1244 S. Evergreen Drive, Phoenixville, Chester Co., PA. The property sold by an individual in cooperation with a real estate agent brought $119,000.

Kenneth A. Geyer Auction Co. Sales conducted the auction.

AUCTION SALE

SURPLUS TO THE NEEDS OF WM. H.P., INC.

TRAILERS, TRUCKS, FORKLIFTS

FRIDAY, AUGUST 17- 10 A.M.

On Premises **WM. H.P. INC.**

2949 E. TIOGA ST., PHILA., PA.

28- 1985/86- 48' Fruehauf 13'6" Trailers, 42- 1983- 45' Fruehauf 13'6" Trailers, 25- 1978/79- 45' Budd 13'6" Trailers, 20- 1968 Steel White Cabover Flatbed Trucks 20' Length, 25- 1980 to 1986 Allis Chalmers Propane Forklifts 2000 Lb to 600 Lb, 10 Mack MH Model Tandem Tractors 9 & 10 Speed, 350 Mack Engines.

CALL FOR ILLUSTRATED BROCHURE

INSPECTION: DAY OF SALE FROM 8:30 A.M.
TERMS: CASH OR CASHIER'S CHECK- COMPLETE PAYMENT SALE DAY

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1874
COMLY Auctioneers
WM. F. COMLY & SON, INC.
1825 EAST BOSTON AVENUE
PHILADELPHIA, PENNSYLVANIA 19125
(215) 634-2500

AUCTION

Heavy Equipment

For the Commonwealth of Pennsylvania, 17th & Arsenel (Rt. 22 By-pass), Harrisburg, PA. Directions: Take Cameron St. Exit off of I-81 to Arsenel, then ½ mi. (½ mi. from Farm Show Bldg.) on:

SAT., AUGUST 18, 1990
10:00 a.m.

LOADERS: CASE 850 crawler/loader sn. 7075012; (3) FORD A-62 rubber tired loaders sn. 5079986, C569570, C569574; MICHIGAN 125 rubber tired loader sn. 9AFC230; CLARK 125 rubber tired loader sn. 9AFC229; MICHIGAN 125 rubber tired loader- to be sold by pictures, located at Clarion Co. garage.
GRADERS: (7) HUBER F1500 graders sn. FG252529, FV251883, FG252466, FG251586, FG252257, FG252258, FG252561; (2) AUSTIN-WESTERN Pacer 200 sn. 3449820, 2449722; AUSTIN-WESTERN Pacer 400 sn. K4453824; HUBER 62 Maintainer sn. CM2426.
OTHER EQUIPMENT: (3) SCHRAMM 125 air comp.; SICARD snowblower; WAUSAU snowblower; BIRCH GP widener; (12) HAENNI WL-100 truck scales; BERRY power brushes & vert. routers; CRAFCO power brushes & routers; PIONJAR pavement breaker; chainsaws; cut-off saws; elec. hammers; compactor; upright tamper; hyd. limb pruner; anti-skid spreader; plow bolts; paver steering pump; axle shaft; joint & crack cleaner; power take-offs; hoist cylinder.
ENGINES: (4) DETROIT diesel marine engines, 8 cyl.; FORD 8 cyl. gas engine; WISCONSIN 4 cyl. gas.
INSPECTION: Friday, August 17, 1990 - 10:00 a.m. to 2:00 p.m.
TERMS: Complete payment "IN FULL" day of auction. PA sales tax applies to all purchases.
A BUYERS PREMIUM of 4.79% will be added to all purchases.
All checks must be accompanied by a bank letter of guarantee of payment- NO EXCEPTIONS.
Auction being held for the Commonwealth of PA. Dept. of Transportation, General Services Administration.

ANDERSON AUCTIONEERS, Inc.
Box 50
Georgetown, PA 15043
Phone Pitts (412) 734-4244 Phone (412) 573-9533
PA License #18-L

OUTSTANDING 2-DAY AUCTION

FRIDAY EVE., AUG. 24
@ 4:00 P.M.
SATURDAY, AUG. 25
@ 9:00 A.M.

Auction For
CHARLES KLINE of BETHEL

Location: Take exit #3 of I-78. Follow #501 South to stop sign. Go straight to follow old Rt. 22 East for 1/2 mile to auction on left. From Myerstown, follow #501 North to square in Bethel, turn right & follow old 22 East to sale. 40 miles east of Harrisburg; 25 miles northwest of Reading, PA. Auction is in village of Bethel, Berks Co., PA.

FRIDAY EVE., AUGUST 24 AT 4:00 P.M.

New 8' Step Ladder, Two Wheel Lawn Cart, Homemade Tractor From A Renault Car, Bench Vises, Dayton ½" Drill, Metal Lathe, Pipe Clamps, 4' Levels, Grinding Wheels, Nuts & Bolts, Nails, Come-Along, Sledge Hammers, Tin Shears, Ext. Cords, Orchard Spray, Blacksmith Forge, Orohard Sprayer w/5HP Eng. Forks, Picks, 250 Gal. Fuel Tank, Stainless Steel Pans, Large Cider Press In Working Order, Wheelbarrow, Table Saw, Tubs, Wood Cider Racks, Sm. One Bottom Plow, Two Wheel Trl., Anvil, Pipe Vise, New Elec. Breakers, Pipe Wrenches, Power Tools, Wood Bits, Pipe Benders, Pipe Threader, Rolls Of Wire, Rolls Of ½" Copper Tubing, Meat Hooks, New Hyd. Cyl., Jump Traps, Large Milk Cans, Small Wood Kegs, Craftsman 10" Table Saw, Cast Iron Shop Stove, C Clamps, Tool Boxes, Ft. Rules, Axes, Shovels, Forks, Many Hand Wrenches, Two Man Saw, Butcher Kettle, Misc. Lumber, Like New Push Mower, 14HP Case Riding Mower 48" Cut Model #444, Alum. Ext. Ladder, High Pressure Orchard Sprayer, Sausage Stuffer On Bench, Scalding Trough, Wooden Rake, Chisels, Hammers, 26' Wood Ext. Ladder, Animal Trap, Bag Cart, Loader For Small Tractor, Fence Charger, 6 Gal. Crock, Lawn Seeder For Garden Tractor, Stir, Large Homemade Powered Hack Saw, Gate Hooks, Peach Baskets, Hand Saws, Punches, Much Much More.

SATURDAY, AUGUST 25 AT 9:00 A.M.

ANTIQUES • GUNS • COLLECTIBLES
Old 6' Dovetailed Wood Chest, Old Pictures & Frames, Cowden Crock, Redware Crock, Ship Clock, Footed Pewter Bowl, 18" Doll, Soft Wood Chest Of Drawers w/Ornate Front, Old Ingram Shelf Clock, Sm. Porc. Clock, Small Primitive Wood Table, Old Pocket Watches, Assorted Coins, Small Old Hand Crank Victrola, Wicker Fernery, Chalk Dog & Others, 5 Pc. Depression Bedrm. Suite, Old Basket, Old Bench, Old Remington Print Of Game, Small Coffee Grinder, Oak Ice Box, 5 Leg Wooden Table, Old Table Top Radio, Large Butcher Bench, Copper Wash Tub, Assorted Crocks, Old Glass Butter Jar, One Pc. Of Carnival Glass, Kero. Lamp w/Porc. Base, Assorted Chairs, Rocker, 3 Pc. Dining Rm. Suite China Closet, Table & Server, (Depression) Old Wooden Bed, Old Dresser & Mirror w/Marble Top, Old Carpet Runners, 22 Cal. Wards Rifle, Daisy BB Gun w/Scope, Nice Remington #760 270 Cal. Rifle, Winchester 12 Gauge Model 12 Shotgun, Nice Old Blanket Chest, Mantel Horse, Much More.

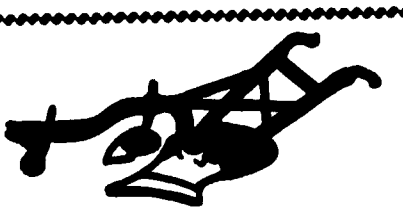
Auction For
CHARLES KLINE of BETHEL, PA.

Lunch Available

AUCTIONEER:
DWIGHT D. MILLER AU2414-L
(717) 933-5736

Terms: Cash or Pa. Check.

Note: This is an outstanding auction. Plan to attend. Bring your chair. Tent will be provided rain or shine for your comfort.



FARMERSVILLE AUCTION

TUES., AUG. 14, 1990

1:00 P.M.
In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods & Collectibles. See Lanc. Newspaper, Sat., Aug. 11 For Listing.

Furniture sells at 7:00 P.M.

WE SELL ON COMMISSION
Call JOHN J. RUTT
(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L
Consignments Being Accepted For Our Labor Day Antique & Collectible Auction

PUBLIC AUCTION

SAT., SEPTEMBER 15, 1990
AT 10:00 A.M.

2 miles Southeast of REBUCK, Northumberland County, PA 18 miles Southeast of Sunbury; from Route 225 at Red Cross turn East go through the Village of REBUCK to GREENBRIER and turn right to first road, turn right again go ½ mile to Sale Site (watch for auction sign in the Village of Greenbrier along the Red Cross to Pitman Road the day of sale)

FARM EQUIPMENT
Allis Chalmers 180 Diesel Tractor w/Murphy Safety Switch; A.C. 4-Bottom 16" Semi-Mounted Plow; 12' White 466 Chisel Plow; 15' A.C. 2300 Transport Disk w/Midwest Harrow Attachment; White 543 4-Row No-Til Corn Planter w/Monitor; I.H. Double Disk 7x16 Grain Drill; I.H. No. 37 Baler; New Idea Hay Rake; N.I. 3-Pt. Double Spinner Spreader; Grove Dump Wagon w/Grain Sides; G.T. 370 Grain Dryer; 45 Ft. Neco 8" Transport Auger; 900 Bu. Wet Bin Stormor; Utility Trailer; Scrap Iron; Etc.
1960 FORD F-600 DUMP TRUCK 12' BOX W/GRAIN SIDES.
1985 KDX80 KAWASAKI DIRT BIKE
(3) Electric Fence Chargers; approx. (300) T-Fence Posts; Cattle Hay & Grain Feeder On Skids; Vent-O-Matic Fan; Lot Chicken Nests, Feeders & Fountains; Dickey John Grain Moisture Tester; (2) 5 KW Electric Wall Heaters; Heat Houser; Tractor Weights; Truck Tires; Egg Baskets; DeHorner; Etc.

HOUSEHOLD FURNISHINGS
Maple Dinette w/4 Captain Chairs; G.E. 40" Electric Range; 13 Cu. Ft. Chest Freezer; Flat Top Desk & Chair; Computer Hutch & Printing Stand; Stereo; Utility Cabinet; Gym Sets; Bicycles; many other items not listed.

ANTIQUES & COLLECTIBLES
Oak Pedestal Table; Wooden Feed Box; Iron Hog Troughs; Hog Scrapers; Butcher Kettle & Tripod; Hay Hook; Early License Plates; (4) Early Auto Wire Wheels; Wooden Boxes; Insulators; Old Bottles; Victrola; etc.
REASON FOR SALE: Owners are in the CRP program and are selling excess equipment. Be prompt, not many small items.

Owners,
MARLIN J. ROTHERMEL AND JOAN A. ROTHERMEL
(717) 425-2194

Lunch Available

DEIBERT
Mike, Auctioneer AU1599-L (717) 425-3313
George, Realtor & Auctioneer AU209-L

PUBLIC SALE

Of Valuable Real Estate

Beautiful 2 Story Dwelling Situated On A Nice Lot 40'x125'. Separate 1 Car Block Garage w/Car Port.

Antiques, Household Goods, Furniture, Early 12 Pane Corner Cupboard, Tools, Snow Blower, 1977 Ford Pinto- 2 Door Sedan w/Auto Floor Shift, 4 Cylinder, 28,000 Original Miles, 1 Owner.

Saturday, August 18, 1990

9 A.M.

Real Estate 2 P.M.

110 East Second Avenue, Lititz, PA

From Lancaster take Rt. 501 to Lititz. At first light, turn right on E. Second Avenue. Sale on Right.

Terms: 10% down balance on or before Sept. 28, 1990.

Sale For:

H. Elwood Stark

Attorney: John R. Gibbel
Gibbel, Kraybill & Hess

MILLER & SIEGRIST
AUCTIONEERS
687-6857 AU-1723L

PUBLIC AUCTION

Valuable Antiques, Household Goods, Winross Trucks, Ertl Toys, Milk Bottles, Baseball Cards & Collectables

MON., AUG. 20, 1990

4:00 P.M.

Located at the Brickerville Fire Hall, just off Route 322 west of Ephrata in the village of Brickerville, PA.

FURNITURE:

Fine set of 6 original decorated plank seat chairs, wood chest, blanket chest, bench, early workbench, trunk, pineapple bedroom suite, maple dining room suite, inlaid walnut stool, old store or farm table, carved cedar chest, oak bed, dresser, mustard painted cupboard, fernery, trendle sewing machine, walnut bed & dresser, oak high chest, oak stands, round table, small hide-a-bed, Victorian parlor suite, and more.

WINROSS, ERTL & OTHER TOYS AT 7:30 P.M.

75 Winross trucks, Ertl farm toys & trucks plus other toys mentioned.

COLLECTABLES:

Costume jewelry, children's books, Hafner wind-up train, Hubley transport truck, Elizabethtown, Lititz, & Mt. Joy memorabilia, McKinney, Taft, T. Roosevelt, Harrison & Morton campaign buttons, Session clock, Mission clock, postcards, lot of china & glassware, decorated Ironstone china, wooden doll coach, old tools, vintage clothing, Fox & Parish prints, Christmas decorations, linens, pennants, flexible Flyer sled, lot of nice old boxes, pocketknives, books, little bisque dolls, banjo clock, Roseville planter, early blue transfer mini teapot, B&G plates, soap doll, early GE radio, cigar trimmer, broad axe, pitcher pump, iron kettles, milk bottles & other bottles of local interest.

APPLIANCES:

Portable TV set, GE dryer, vacuum cleaners, also tools & many items not mentioned.

Baseball & other sports cards at 6:30 PM. To be sold simultaneously in a separate area. Send SASE for list.

Auction for
SARAH FURLOW ESTATE
Viola Mae Witmer
and others

E.M. Murry Associates

10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. AUG 11 - 10AM, Chester Co. 4-H Pig Sale at New Holland Sales Stables, Inc., New Holland, PA.

SAT. AUG. 11 - 10AM, RE, Antiques, Collectibles & HH, located RD 1, Muncy Valley, PA, along Rt. 42, 3 mi S. of Beech Glen, PA, Mrs Benjamin (Vera) Laurenson, owner, George E. Kapp, Jr. and Gele L. Derr, Aucts.

SAT. AUG. 11 - 10AM, Antiques, HH Goods and Braided Rugs, located 2523 Cherry Lane, Ronks, PA, Harold and Cora Book, owners, Miller and Siegrist, Aucts.

SAT. AUG. 11 - 10AM Sharp! Contents of Beresky Printing Service, located US Rt. 11, go to Shickshinny, PA, turn at light, go W. on Rt. 239, go past Bear Ford, up hill, turn at Auction sign at Roberts', Archery Shop, go 1.2 mi, sale next door to house with large mountain man and dog in wood in yard, Mr and Mrs. David Bershee, owners, Nevius Auction Service-Dan Nevius, Auct.

SAT AUG 11 - 10AM, Construction Equip., Crane, Truck, Tractor and Dump Truck Auction, located Hazelton, PA, Kurchock Industries, owners, Alex Lyon and Son, Aucts

SAT AUG 11 - 10AM, Farm Machinery & Misc, located at 2715 Littlestown Pike, Westminster, Carroll Co, MD, Mr and Mrs Clayton M. Leister, owners, Nevin E Tasto, Auct

SAT AUG 11 - 11AM, Absolute Auction, 54 Acres Wooded Mountainland Located Deibler's Gap Area in Mifflin and in Upper Paxton Townships, Dauphin County, Pa on the North Side of Mahantongo Mountain, 4 Miles West of Pillow; 4 Miles Northwest of Berrysburg; 6 Miles Northeast of Millersburg (watch for auction signs along the Shippen Dam Road and along the Pillow to Malta Road the day of sale). Charles H. Wilhour & Kathryn M Wilhour, Owners Mike & George Deibert, Aucts

SAT. AUG 11 - 11AM, Potato and Hay Equipment, located at the farm, 5888 Sheppard Rd. off State Rt. 78, 2¼ mi. S. of Hermitage, Bliss, Wyoming Co., NY, Burton Merle Estate, Pirrung Auctioneers, Inc., Aucts.

SAT. AUG. 11 - 1PM, Real Estate, 20 Acres M/L, 3 mi. E. of Sunbury, PA, Aupper Augusta Twp., Northumberland Co., Robert E and Shirley J. Brown, owners, Mark J Jones, Aucts

SAT. AUG 11 - 6 30PM, CV Antiques Engine and Machinery Assoc., Inc. Country Auction and Consignment Sale, located on Rt. 30, 5 mi. W of Chambersburg, PA 1¼ mi. N. of Twin Bridge Rd, David E. Gossert, Auct

SUN AUG 12 - 10AM, Real Estate-Brick Home + 9 Acres, located Rt 540, Carney's Point, NJ, By George Auction Service, Aucts.

MON. AUG 13 - 11AM, Prime Commercial Property, located at intersection of Rt 272, Rt 222 & Rt 568, Adamstown, Berks Co, PA, D & J Enterprises, owner, Paul E Martin and John D Stauffer, Aucts

MON AUG 13 - 5:30PM, Tractors, Farm Equip, HH, located 4 mi N of Littlestown, PA or 6 mi S of Gettysburg, PA at Schuchart Bulk Plant, turn off Rt 97 onto Hickory Rd and go 4 mi to sale site, Dale and Bertha Grove, owners, Dennis Plunkert, Auct

22ND ANNUAL
BERKS COUNTY POMONA GRANGE
COMMUNITY AUCTION
SATURDAY, AUG. 18, 1990
AT 9:00 A.M.

LOCATION: At the Leesport Farmer's Market grounds, just off Route 61 at the North end of Leesport, Berks Co., Pa.

TRACTORS: J.D. 2840, 2240 w/loader, 3010, 2020, Int. 656D, 460, Super C, Farmall H w/cult., Cub w/mower, Cub lowboy, Ford 4000, 871 w/blade, 8N, Case 1410, 1194, 1190 w/loader, A.C. #180 D., D17, Oliver #88, M.F. 165, 1085, 135, 65, M.H. Pony, M.F. T030, Long 560 F.W.D. w/ blade.

COMPACT TRACTORS: J.D. #950 w/ loader, J.D. #750 FWD, Ford 1700 FWD, #1500 FWD w/loader, A.C. #5030 w/ mower & blade, M.F. 220 D w/mower, Bolens G 174D FWD 3 pt. & mower, Cub #154 Lowboy & loader, Cub w/mott mower, Hefty w/3 pt.

RIDING TRACTORS: J.D. F #910, 400 mower & loader, J.D. #317, 316, 318, 300, 214, 212, 210, 112, 110, 180, 116, 111, 582, R X 73, 60. **CUBS:** 184, 185, 154, 782, 582 w/loader, 382, 1650, 1450, 1250, 1200, 1100, 147, 128, 123, 122, 105, 70 w/ loader, 102, Kubota- G#6200 D, Ford 120, M.F. 16, 8, M.F. D 16, Bolens G14, 1053, Case 222, New Statesman 11, White #1600, Simplicity Sears, Gravely, Snapper, Ariens, Jacobsen 4-gang wheel mowers, garden tractor weights.

MOWERS: Woods R-N 59, Woods 6', 4' pull rotary mower, 5' rotary.

SICKLE MOWERS: J.D. #350, N.H. 450, I.H. 1300, I.H. 100 fast hitch, N.H. 495 12'.

SKID LOADERS: Case #1845, 1530, Owatonna #1700 w/2 buckets.

RAKES: N.H. 258, 56, M.F. 585, J.D. 884.

BALERS: J.D. 336, 24T w/#30 thrower, N.H. 276, 273, 268, I.H. #241 rd. baler.

HARVESTERS: M.D. N.H. 770, 5717, J.D. 3800, 35.

FLAIL CHOPPERS: N.H. 38, Bearcat 72, N.H. #30 blower.

HAY TEDDERS: Deutz Fans, 4-Star, Grimm.

PLOWS: J.D. 4X reset, I.H. 4X & 3X, Oliver 3 pt.

CHISEL PLOWS: 6', 8', 12' (3 pt.), Brillion 16' transport harrow.

DRILLS: J.D. 8300.

MISCELLANEOUS: N.H. #352 grinder mixer, N.I. #323 corn picker, N.I. #10 husker, N.I. 32' & Little Giant 28' elevators, Gravity bin wagons, M.C. #80 combine, N.I. 212 & 12A manure spreaders, tractor weights, cylinders, 3 pt. fert. spinners, N. York stone rake, (2) badger chuck wagons w/ roofs & tandem axles, potato digger, Gruber hay flat wagon, (2) round wire corn cribs, (4) G.T. wheels for '85-'86 Mustang, wagon of small farm items, tools, plus assort. antiques, collectibles household goods, tools, etc. coming too late to advertise.

APPROX. ORDER OF AUCTION: Small items 9:00 AM, Lawn Tractors 10:00 AM, Farm Tractors 11:30 AM, Equipment 12:00 Noon.

NO OUT OF STATE CHECKS ACCEPTED - NOT RESPONSIBLE FOR ACCIDENTS OR ERRORS IN THIS AD. REFRESHMENTS AVAILABLE.

SPONSORED BY:
BERKS COUNTY POMONA GRANGE
(Seven Auctioneers)

* AUCTIONS *
* AUCTIONS *

Land for $50!

Tax Sales, Public Auctions, Sealed Bid Sales, Antiques, Farm Machinery, Construction Equipment, Collectibles, Real Estate, Repossessed Vehicles, Customs' Seized Items, Bankruptcies Foreclosures, Municipal Auctions.

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Or Write
Northeast Public Auction Bulletin,
P.O. Box 512
59 Church St., Owego, NY 13827
For Subscription Information

KLING'S FALL MACHINERY CONSIGNMENT AUCTION

Saturday, September 1, 1990- **11:00 A.M.**

Selling at Kling's Sale Barn, located 15 miles North of Carlisle on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

EARLY CONSIGNMENTS INCLUDE....

From Randall Leisure, Newport, Pa...
Oliver 1850 Tractor- 2600 Orig. Hrs.- **Good Shape**
Oliver 525 Combine w/13' Grain Head
(2) J.D. 115 Silage Wagons with roofs
N.H. 770 Forage Harvester (Corn & Pickup Hds.)
J.D. 65 Blower; Bale Kicker Wagons
N.H. 310 Baler with Kicker
McCurdy Gravity Bin Wagon
J.D. 709 7' Trail Rotary Mower
Plus.. Plows, Disk, Harrows, Cultipackers, Sprayers, Scraper Blade, etc.
Many Small Items incl. Tools, Feeders, Ropes
All Equipment in Good Shape— Kept Inside.

From Bruce Landis, Newport, Pa...
A.C. 170 Tractor w/loader- Good
M.F. 65 Tractor- Good Shape
Case 3X16 Plow
J.D. 10' Disc-Harrow
Gravity Bin Wagon; N.H. 66 Baler
6' Brillion Rotary Mower
Flat Wagon; Elevators & Grain Auger
Oliver #5 Corn Picker
Walsh 200 Gal. Sprayer
This is a Complete Machinery Auction- Many other Good Items Sell.

From Bill Ritchendorfer, Newport, Pa...
Complete Line of Machinery including...
Case 1690 Tractor
David Brown 1212 Tractor
M.F. 760 Combine-6 row Corn & Grain Hds.
J.D. 2010 Tractor
J.D. 7000 6-row Planter
Chisel Plow; Mole Board Plow
Gravity Bin Wagons; J.D. 215 Disc
Case IH 1250 Grinder Mixer- New
I.H. 37 Baler
Ford F750 Dump Truck
Dodge 600 Series Truck
Haybine, Rake, Elevator, Manure Spreaders
Many More Items- Complete Machinery Sale

Other Items from Individuals include...
White 5100 6-row No-Till Planter- **(Used only 2 Yrs.- Excell. Cond.)**
N.H. Tandem Manure Spreader

Call Kling's at 717-789-3883 between 7:00 A.M. & 5:00 P.M.
For More Information or to Consign your Machinery.
Sale Managed By...

AUCTION SERVICE KLING'S

Sale Managed By...
KLING'S AUCTIONS, INC.
R.D.#1, Box 66
Landisburg, Pa. Lic. #500
717-789-3883 (Office)

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MON AUG 13 - 6PM Beef Herd Dispersal, located at Valley Livestock Market, Rt 199, Athens, PA, Thunder Mountain Ranch-Mr and Mrs Jerome Eckert, owner, Jerry Pirrung Sales, Aucts

TUES AUG 14 - 9AM, Antiques, Collectibles, Lot of Glassware, Old Victrola, Furn , HH Goods, etc , located from New Holland, Rt 23 go E to Knauertown, field next to St Peters UCC Church, Elaine Rittenbaugh, Auct

TUES AUG 14 - 11AM, Commercial Lawn Equipment, Used Equip for Turf and Landscape Maintenance, located W Henrietta (Rochester), NY, S V Moffett Co , Inc , owner, Roy Teistworth, Inc , Aucts

TUES AUG 14 - 1PM, HH Goods, Collectibles, Furniture, at Farmersville Auction, Farmersville, PA, Larry Rutt Auct

WED AUG 15 - 3 30PM, Antiques and Collectibles, located at Brickerville Fire Hall, located just off Rt 322, approx 8 mi W of Ephrata, PA, T Glenn Horst and Sons, Agents for Owners and Aucts

WED AUG 15 - 6PM, Pennsylvania's 13th Performance Tested Boar Sale, at PA Dept of Ag 's Meat Animal Evaluation Center, 651 Fox Hollow Rd , State College, PA

THURS AUG 16 - 10AM, Automotive Parts Rebuilder, Cleaning & Testing Equip , Forklifts, Trucks, Shelving, Inventory, on premises Champion Auto Generator Service, Inc , Grand Ave & High St , Blackwood, NJ, Wm F Comly and Son, Aucts

THURS AUG. 16 - 10 30AM, Millwork Shop and Real Estate, located 393 N Broadway, Albany, NY, Roland Millwork, owner, Uncle Sam Auctions and Realty, Inc , Aucts

THURS AUG. 16 - 11AM, 10,000 Shade, Fruit & Crab Trees, Farm Equip., Alpineville Rd. (Rt 36), Dansville, NY, Roberts Nursery Co , Inc., owners, Roy Teitsworth, Inc , Aucts

Amish & Mennonite School Benefit Auction

SAT., AUG. 18, 1990 at 10:30 A.M.

Location: Stony Creek School, Orrstown, Franklin Co., PA. From Shippensburg take Rt. 533 W to Orrstown, turn right onto Rt. 433. Follow to Weaver, turn right, school on left. Sale signs posted day of sale.

Quilts, Wall Hangings, Crafts

Lots of quilts including blue Lone Star, blue & pink Sugar and Spice, blue Stella's Patch, pink & green Star, Boston Commons.

Quilts will be sold at approx. 1:00 P.M.

Child's sunbonnet in various sizes.

New horse training cart, New Idea tractor mower, flatbed wagon w/doubletree hitch, feed cart, push mower, firewood, assorted building materials.

2 living room suites, Tappan gas stove w/4 burners and oven, chair, table model radio, 9 windows w/ storm windows, set of cookbooks, other books, toaster oven, plants, hanging baskets, flower pots, many more items.

Consignments accepted till 9:00 day of sale. Donations appreciated

Chicken barbecue and other food items available.

For information call 530-1012 or 532-7341.

Terms By:
Stony Creek School
Orrstown, Pa.

Aucts.:
Lamar Sensenig Lic. #AU-001803-L
Steve Petersheim

Gebhardt & Smith
The World Trade Center - Ninth Floor
Baltimore, Maryland 21202
SUBSTITUTE TRUSTEES' SALE

VALUABLE FEE SIMPLE REAL ESTATE

KNOWN AS
"THE FOUR SQUARE FARM"
LOCATED ON THE SOUTHEAST SIDE OF OLD CHAPEL ROAD
IN THE CHAPEL DISTRICT OF TALBOT COUNTY, MARYLAND

WEDNESDAY, AUGUST 22, 1990
AT 11:00 A.M.

The property is improved by: a detached one (1) story brick ranch style dwelling, such dwelling believed to contain a living room, kitchen, three (3) bedrooms and one (1) bath; a 60'x12' mobile home; four (4) 20x60 Smith Harvestor Silos; a detached garage; a 50'x100' barn; a 40'x132' cow shed; a 56'x136' machine shed; and a 400,000 gallon waste tank.

The property will be sold subject to a prior Deed of Trust of record, the outstanding balance of which will be announced at the time of sale, if made available to the Substitute Trustees.

TERMS OF SALE: A deposit of Twenty Thousand Dollars ($20,000.00), payable in cash or certified check, will be required of the Purchaser(s) at the time and place of sale. For a complete legal description and terms of sale, see The Star Democrat of August 6, 13 and 20, or call the offices of the Substitute Trustees.

William L. Hallam
Dawne E. Davies
Substitute Trustees
(301) 752-5830
A. Curtis Andrew Auctions, Inc.
Road 2, Box 144
Denton, Maryland 21629

FEED MILL, CONSTRUCTION EQUIPMENT, & TRUCK AUCTION

Sat., Aug. 18, 1990
At 10:00 A.M.
Byron, N¥.

Located at 6815 Byron-Holley Road, 10 mi. NE of Batavia, 6 mi. north of Rt. 33, just north of the intersection of Route 262 and 237.

SELLING: 1979 INT S1700 diesel truck w/2-speed, air brakes, hoist, & 15' 10-ton aluminum feed rack w/top hatches- truck reconditioned & really nice; 1981 INT S600 gas w/15' rollback deck & 900x20 tires; 1979 INT F600 dual cab, RG&E utility box & 900x20 tires; 1970 Ford 600 w/8' dump box; cleat-track crawler w/push-blade & loader; Vermeer DH-5 trencher w/backfill blade; power tamper; Leroy #125 air compressor w/4-cyl engine; 2 tandem axle 6-ton eq. trailers; 61'x8" mobile auger nearly new; 40' Leg-O-Veyer w/5-hp motor; 22'x4" and 30'x4" augers w/motors; two 4½ -ton feed mixers w/ motors; several 6" and 10" augers; completely rebuilt hammermill w/3-phase electric motor; feed lot rollermill; Howe 30,000# scales; Molasses tank & molasses blender; Cyclone hopper w/10" piping; 20 lengths of 20'x4" threaded galvanized pipe; two 3500-bu steel bins; two 5500-bushel steel bins; gravity box and gear; iron pallet shelving; numerous elec. supplies- fuse boxes, 1" conduit, fittings; welder; boring machine and Eq.; jack hammer; misc. items.

TERMS: Cash or good check day of sale with ID, nothing to be removed until settled for. Out of state buyers please bring bank letter of credit.

Owner,
SCOTT CAPAMAGGIO
Ph. 548-7333

Wm KENT Inc.
AUCTIONEERS — R. E. BROKERS
Stafford, NY ph. 716-343-5449

Large Public Auction Of

HORSE DRAWN CARRIAGES, SLEIGHS, BUGGYS, HORSE RELATED EQUIPMENT, ANTIQUES & COLLECTIBLES

INTERCOURSE, PA.

Wednesday, August 22, Thursday, August 23 & Friday, August 24, 1990 (NO SATURDAY SALE)

Located At Martins Sales Pavilion, Two Miles East Of Intercourse (Corner Of Route 340 & New Holland Road), Lancaster County, PA.

Starting at 7:00 PM on Wednesday evening, inside the sales pavilion with good quality coaching appointments, sets of harness, carriage lamps, coaching & driving whips, lap robes, foot warmers, western & English saddles, harness parts, assorted bits & rosettes, assorted horse & carriage books & periodicals, prints & pictures, wagon wrenches, horse models & many other items of interest.

THURSDAY- 8:30 AM- FIELD SESSION

Horse drawn farm machinery; running gears; hay & farm wagons & sleighs; many other buggys & carriages consigned after accepting 200 horse drawn vehicles for the Friday session. Also blacksmith & primitive tools; carriage & wagon parts; wagon wheels; poles & shafts; harness & parts; collars & hames; wagon seats; wagon jacks; tie weights; carriage & wagon hardware; ox yokes; stable equipment; & many other items too numerous to mention.

10:30 AM (IN FIELD, UNDER TENT)

Large quantity of new & used tack; horse related equipment; saddles & bridles; strings of bells; water buckets; hunt hats & other riding & driving accessories; many sets of harness & parts & many other items of interest for riding & driving enthusiasts, restorers, collectors, etc.

10:00 AM- Under Roof

Antiques; collectibles; household goods; some china & glassware; primitive tools; Americana memorabilia; general store items; etc. Good clean merchandise accepted until the start of this session.

7:00 PM- Under Roof

Horse related items; coaching appointments; carriage lamps; various types of new & used harness; harness parts; saddles & bridles; advertising memorabilia; weathervanes; dashboard & toeboard clocks; odometer collection; & many other unusual collectibles.

FRIDAY- 9:00 AM- SPECIAL CONSIGNMENT OF MODELS

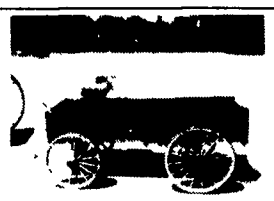
Including hay baler & hit or miss Fairbanks Morse engine; Ideal separator & Advance Rumley steam engine; Eureka clipper fan mill; Sterling Model 26 thresher by International Harvester & Rumley oil pull tractor with hand operated Ground Hog; Mogul Jr. International Harvester tractor; J.I. Case engine & saw mill; Prohny fan brake; Model 2 Bell Co. manual grinder; Burr Mil testing fan steam or kerosene engines. Also miniature circus wagon; miniature calliope; miniature dump wagon. Wicker baby carriages; miniature carts, sleighs & wagons; flatbed & horse trailers, etc.

FRIDAY- 10:30 AM

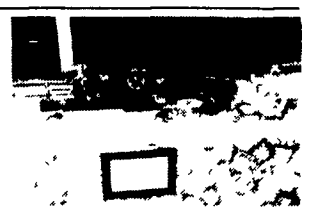
Limited to 200 horse drawn coaches, carriages, carts, buggys, wagons & sleighs, both horse & pony size, in a variety of conditions.

TERMS: CASH, TRAVELERS CHECKS OR CERTIFIED CHECKS. Pre-registration for buyers numbers available by contacting our office.

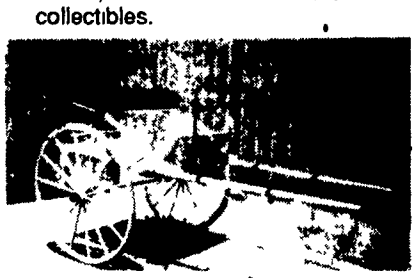
Sterling Model 26 Thresher by International Harvester Rumley Oil Pull Tractor, Hand operated ground hog



Pony Express Wagon



Model- Hay Baler & Hit or Miss Fairbanks Morse Engine



Kentucky Breaking Cart

Martin Auctioneers, Inc.

PA—AU-001137-L

LARRY L. AND PAUL Z. MARTIN, JR.

CA—C-879

P.O. BOX 477 • INTERCOURSE, PENNSYLVANIA • 717-768-8108 • FAX (717) 768-7714

Located at **Martins Sales Pavilion**, two miles East of Intercourse, on the corner of Route 340 and New Holland Road, Lancaster County, Pennsylvania.

EQUIPMENT AUCTION

Butcher/Slaughterhouse Equipment
**** 1987 Ford F250 4x4 Pickup***
**** Horse Trailers***
**** Pet Supplies * Etc!***
"TAYLOR'S DOG FOOD"-
BOOT & COPELAND RDS.
West Whiteland Township,
Chester County

SAT., AUG. 25, 1990
AT 10:00 A.M.

Directions: From Rt. 202 Boot Rd exit; West 3.5 Mi. crossing over Rt. 100 to site on left.

BUTCHERING EQUIPMENT- Butcher Boy 15 hp. Mixer Grinder, E Z Pak Meat Stuffer, Stainless Steel-Cutting Tables, shelving & equipment, Butcher Boy Band Saw, 2 Platform Scales, Work Carts, Bag & Barrel Trucks, 3 Meat Scales, Meat hooks & trees, Splitting Saw, Hand Meat Saws, Plates & blades, 5 hp. Grinder, Buffalo water powered Meat Stuffer, plus other excellent items.

TRUCK, TRAILERS & EQUIPMENT- 1987 Ford F250 4x4 Pickup Truck, Dk. Blue, auto., AM/FM, 35,000 mi., alum. body, 8' bed w/liner, & electric "Warn" winch, 1973 Hartman 2 Horse Trailer, 1975 Hartman X wide 2 Horse Trailer, Clark HD Fork Lift, International Cub Tractor w/Mott mower & snow plow, 40' Storage Trailer, Danhauser Post Hole Digger w/new power take off, Mott hammer knife Mower, Cleaners- steam, pressure & wet/dri, Air Compressor, Alum. loading dock Plate, Motors, Hoists, Lawn Roller, Wheelhorse Snow Plow, 5 Gal. H. Water Heater, Fogmaster Wooden & metal Shelving & Fixtures, Glass Display Case, Chest Freezer, Utility Trailer, 1951? Chev. Truck Chassis Trailer, 10'x20' Storage Building, 8' Brillion Cultipacker, Iron Wheel Manure Spreader, Century "Torpedo" Heater, Fertilizer & Grain Seeder w/3 Pt. H., 24' Alum. ext. Ladder, & much more.

PET SUPPLIES & EQUIPMENT- 3 English Saddles, Bridles, Blankets, Saddle Racks, New Door Guards, Horse & Dog Shampoos, Collars, Chews, Bucket & Trough Guards, Electra-Aid, Equi trol, 3 Antique Iron Tethers, Cleansers, & many other useful items- Come & See!

TERMS: Cash or Approved Check

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 107 • 661 WEST GERMANTOWN PIKE
PLYMOUTH MEETING, PA 19462 • LIC AU-3321
(215) 834-1854 • FAX 834-1754

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. AUG 17 - 9AM, Farm Equipment & Supplies Diffenbach's New Holland Auction Center, Ltd, 100 West Jackson St, New Holland, Pa 17557. Diffenbach's Aucts.

FRI AUG 17 - 9AM, Farm Equipment and Accessories, located at 7760 Royer Rd., 2½ mi E. of Rt 75, 6 mi S. of Mercersburg, Franklin Co, PA 4 mi. N of MD statel line, Richard and Dorthy Gehr, owners, J. Robert Meyers, Auct

FRI. AUG. 17 - 10AM, Trailers, Trucks, Forklifts, located 2949 E. Tioga St., Phila., PA, Wm. H.P., Inc., owners, Wm F Comly and Son, Inc, Aucts

FRI. AUG 17 11AM, North-Mont Farms Complete Herd Dispersal, 100 Holsteins, 5 Red and Whites, Semen, etc, 1½ mi N of Dewart, PA, Donald and Alma Beiber, owners, Conducted by Fraley Auction Co.

SAT. AUG 18 - 8.30AM, Public Auction, 3 JD Tractors - JD Combine - Farm Equipment & Trucks Located US Rt. 30, West Of York, Turn South On Rt 616, Go 7/10 Mile & Turn Left (East) Onto Gravel Rd, 1st Farm On Right Watch For Signs Mr & Mrs. Robert A Kramer Sr Owners Blaine & Nevin Rentzel, Aucts

SAT AUG 18 - 8 30AM Sharp! Valuable Antiques, Collectibles, Tin, Pottery, Glassware, Furniture, located at 1708 Main St, Lisburn, PA, Ruth Attlcks, owner, Little Ike Eichelberger, Auct

SAT. AUG. 18 - 8:30AM, RE, Antiques, Oak Furniture, HH Goods, Tools, '76 Olds Delta 88, located along Hill Rd, Turnpike or Falmount Rd to Hess Rd, 4 mi W of Elizabethtown, A Leota Hill Miley Estate, Harold (Abe) Shaffner, Auct.

SAT AUG 18 - 9AM, 38 Acre Farm, 11 Acres Mountainland, Antiques, Collectibles, Coins, located Village of Rough & Ready, Western Schuylkill Co, PA, Estate of Mae H Erdman, Deibert Auctioneers, Aucts

SAT. AUG 18 - 9AM, 22nd Annual Berks Co Pomona Grange Community Auction, located at the Leesport Farmer's Market grounds, just off Rt 61 at the North end of Leesport, Berks Co., PA, Sponsored by Berks Co Pomona Grange, Seven Auctioneers

SAT AUG 18 - 9AM, Annual Berks Co Pomona Grange Consignment Auction of Farm Machinery, Lawn and Garden, HH Goods and Tools, located at Leesport Farmers Market, located off Rt 61, Leesport, PA, Five Auctioneers

SAT AUG 18 - 9AM, RE, Car, HH Goods, Antiques, located at 570 E Jackson St, New Holland, PA, Annie M Martin, owner, Paul E Martin and John D Stauffer, Aucts

SAT. AUG 18 - 9AM Sharp! Valuable Antiques and Guns, located from the East end of Duncannon, follow Rt. 849 W (2) mi. to sale, J T Basore and Calvin Dahlin, owners, Ed Shull, Auct

SAT AUG 18 - 9AM, Machinery Sale-Tractors and Farm Mach, located 12 mi N of Lewistown along Rt 522 at Village of Wagner, Ivan Machknair, owner, Bryan D Imes, Auct

PUBLIC AUCTION

UNIMPROVED DEVELOPMENT
"ORCHARD VIEW"

Board Road, Manchester, PA.
22.85 acres, 54 building lots.

THURSDAY, AUGUST 30, 1990
10:00 A.M.

Preliminary Subdivision Plan Approved

Board Road, East Manchester Township, York County, PA. Zoned R-2 Residential. 54 building lots ranging in sq. ft. from 12,500 ft. to 20,510 ft. public water, sewage, gas, electric. All drawings completed - subdivision, stormwater management, grading, utility lines, etc.

Bidding will start at $200,000.00

This development is only 2 miles from exit 11, Interstate 83 and ½ mile from Manchester Borough line. An ideal location which adjoins industrial zoned property.

Terms: 10% down, balance in 45 days. To see drawing or property phone: 764-6412 from 8 AM to 5 PM or 266-4668 after 5 pm.

Sellers:
JEFF SLEEGER
MIKE HUETER

Auctioneer: Blaine N. Rentzel
Emigsville, PA
764-6412
Pa. Lic. #761

117 Acre Farm **AUCTION** **2 Homes 7 Ponds**

SATURDAY, OCT. 6, 1990
9:00 A.M.

Located at 522 Weaver Rd., approximately 2 miles south of Strasburg, PA, take May Post Office Road (Decatur Street) to Saw Mill Rd., to Weaver Rd. (follow signs) or approximately 10 miles south of Lancaster off Rt. 222 South to Hessdale - Left on Bunker Hill Rd. approximately 1½ mile to Weaver Rd. First farm on right, Lancaster County, Pa.

117 ACRE FARM & ANTIQUES
REAL ESTATE OFFERED 1:00 P.M.

117 Acre Farm, Approx. 75 Acres Tillable, Approx. 10 Acres Mature Woodland, 7 Ponds Plus 2 Springs, Tobacco Shed & Barn. **2 Homes**- A Large 6 Bedroom All Brick Country Farm House Built In 1803 With L R, D R, Kitchen, Parlor Room, 2 Stairs & Bathroom- 2nd Home Has 4 Bedrooms, 2½ Story Frame Farmhouse This Beautiful Country Farm Property Has Many Possibilities & Deserves Your Attention.

OPEN HOUSE: Thurs. Evening Aug. 9 — 5-7:00 P.M. Or Sunday, Aug. 12 — 4:00 P.M. Or Phone Auctioneer Gordon Ressler, 717-687-7402 For Details & Terms. Complete Antique Listing Later.
TERMS: Cash — No Out Of State Checks.
Good Food By Women Of The Zion U.C.C. Church Of New Providence.
All Statements Made Day Of Auction Take Precedence Over All Previous Advertisements.

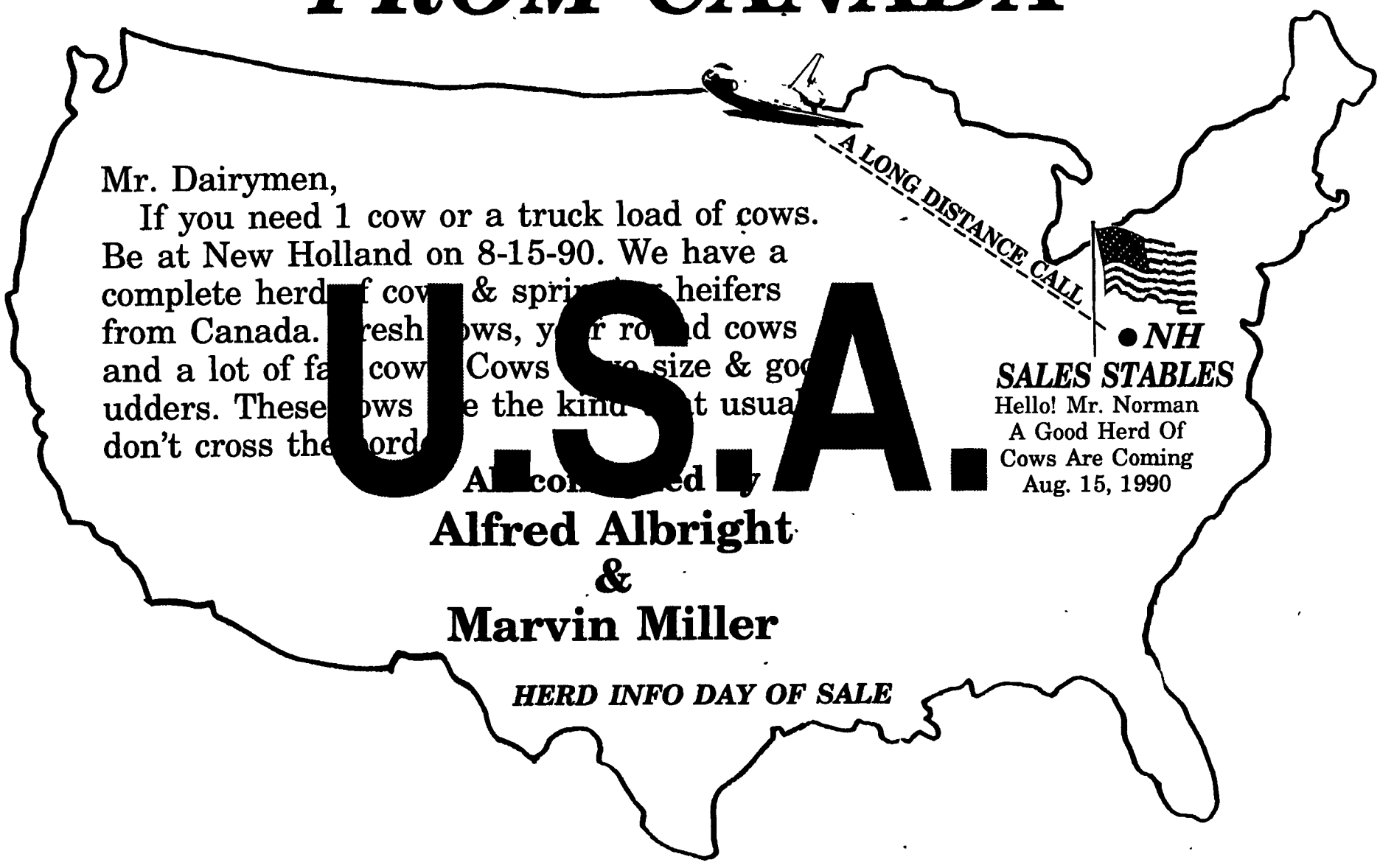
OWNERS:
ROY H. & DOROTHY R. WEAVER
522 Weaver Rd., Strasburg

AUCTIONEERS APPRAISERS

RON FUNK AU-3141 **GORDON RESSLER** AU-1579-L

★ AUCTION SERVICE SINCE 1961 ★
WE want to be your auctioneer!
For free confidential auction estimate call 717 442 4279 or 687-7402

SPECIAL DAIRY SALE FROM CANADA



Mr. Dairymen,

If you need 1 cow or a truck load of cows. Be at New Holland on 8-15-90. We have a complete herd of cows & springing heifers from Canada. Fresh cows, year round cows and a lot of fall cows. Cows of size & good udders. These cows are the kind that usually don't cross the border.

Auctioneered by
Alfred Albright
&
Marvin Miller

HERD INFO DAY OF SALE

Sale To Be Held At New Holland Sales Stables

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT AUG 18 - 9AM, Antiques and Collectibles, located NW of Lititz, PA at 190 Bomberger Rd Estate of Norman D Bomberger, E M Murry Assocs, Aucts

SAT AUG 18 - 9AM, Farmall Cub and H Tractors, Farm Equip, 14HP Cub Cadet and Other Riding Mowers, Tools, Hardware, Boat, Antiques, HH Goods, locatd 2260 Robert Fulton Hwy, Village of Wakefield, Lanc Co, PA, Harry C Steele, Jr and Lora E Steele, owners, Howard Shaub, Aucts

SAT AUG 18 - 9AM, Real Estate, HH Goods, Antiques, Furniture, 110 E Second Ave, Lititz, PA, H Elwood Stark, owner, Miller & Siegrist, Aucts

SAT AUG 18 - 9 30AM, HH Goods, Antiques, Truck and Gun, located on Rt 30, approx 10 mi E of Lancaster, at the Kinzer Fire Hall, ½ mi E of Vintage near the village of Kinzer, Lanc Co, PA, Flossie Trout Estate, Robert E and Jeffrey R Martin, Aucts

SAT AUG 18 - 9 30AM, HH Goods, Antiques, Steam Engine, Tractors, Tools, located 10 mi S of Huntingdon, PA off Rt 26, W 2 mi, Jerry Hopper, owner, Dale Gibboney and Glenn Metz, Aucts

SAT AUG 18 - 10AM, Farm Equip, HH Goods, Antiques, located along Brown Rd, from Rt 23 in Churchtown, turn N on Churchtown Rd to Brown Rd, Menno Shirk, owner, Paul W. Horst and LeRoy S Horst, Aucts

SAT AUG 18 - 10AM, John Deere Equipment, located Van Wert, OH, Hy-Way Farms, Inc, owner, Schrader RE and Auction Co, Inc, Aucts

SAT. AUG 18 - 10AM, Berks Co Indian Artifact Collection, located at the Neffs Fire Co, Neffs, PA, Tim Wotring, Auct

SAT AUG 18 - 10AM, Feed Mill, Construction Equip, Truck, located at 6815 Byron-Holley Rd, 10 mi NE of Batavia, 6 mi N of Rt 33, just N of the intersection of Rt 262 and 237, Scott Capamaggio, owner, Wm Kent, Inc, Auct

SAT AUG 18 - 10AM, Vehicles, Farm Equip, Trucks, Construction Equip, located US Rt 50 and Woodyard Rd, Willards, MD, Peter Richardson, Auct

SAT AUG 18 - 10AM, Heavy Equipment, for the Commonwealth of PA, 17th & Arsenel (Rt 22 By-Pass), Harrisburg, PA, Anderson Auctions, Aucts

SAT AUG 18 - 10AM, Antiques, HH, Coins, located Hareshill Rd, Kimberton, PA, Stanley Davis, owner, Michael Jugan, Jr, Auct

SAT AUG 18 - 10 30AM, Amish and Mennonite School Benefit Auction, located Stoney Creek School, Orrstown, Franklin Co, PA, Stoney Creek School, owners, Lamar Sensenig, Auct

SAT AUG 18 - 12Noon, Real Estate-85 Acre+ Farm, located take Rt 74 S of Red Lion Approx 7 mi, turn left on first road before the Brogue Post Office (Canning House Rd), go approx 1½ mi, farm on right, John C May Estate, Bradley K Smith, Auct

SAT AUG 18 - 1PM, The Eisenhower Centennial Sale at the Eisenhower Farm near Gettysburg, PA, American Angus Hall of Fame, Tom Burke, Sale Mgr

MON AUG 20 - 10AM, 1.1 Acre Lot, Tow Motor, Metal Working Machinery, Tools & Parts, located at 612 Owl Hill Rd, Warwick Twp, Lanc Co, PA, Stanley Mellinger/S M Mfg Co., owner, T. Glenn Horst and Sons, Aucts

MON AUG 20 - 10AM, Complete Restaurant Liquidation Incl 40' Moving Trailer, located Rt 63, between Harleysville and Vernfield, ½ mi W. of Rt 113, Rudy's Country Kitchen, owner, Sanford Alderfer Auction Co, Aucts

PUBLIC AUCTION

Antiques, Office Trailer, Crocks, Tools, Collectibles, Guns, Farm Equip. & Related Items

SAT., AUG. 18, 1990

8:30 A.M.

Directions: Take Rt. 30 West to a right hand turn on Roosevelt Extd. or known as Bull Rd. to prop. on the left (watch for signs), 3270 Bull Rd.

12:30 — ANTIQUES, FURNITURE — 12:30

Softwood pie safe, solid oak Houser style cab., oak china cab, 2 old rope beds, rope farm hands bed, Empire hall desk, oak treadle mach., oak jelly cub., chest of drawers, 2 over 3 bracket feet, softwood zinc lined dry sink, drop leaf gate leg table (reddish), 2 old fainting couches, oak claw-footed sideboard, 2 camel back trunks, 2 old butter ice boxes, oak farm table 30"x54", softwood farm table 37"x54", William & Mary dining tab. & 6 chairs, soft-wood child's rocking horse, Firestone radio, 2 old wicker baby carriages (1 miniature), doll furniture, Victorian marble top bow front bracket foot dresser, dovetailed wood box ball feet, old wooden feed box, old settee, chopping block, mortised bench, oak potty, 3 press back rockers, 5 plank bottom chairs, Boston & Bentwood rockers, press-back high chair, clothes trees, old green wall mount podium (soft-wood), cane bottom rocker, old rocking arm chair, old plank bottom rocker, sm. dresser & mirror, softwood wall file, others not mentioned.

TRAILER, CROCKS, COLLECTABLES, GUNS

28' office trailer, Norwich single 12 ga., Stevens Little Scout Cat 22, 18 misc crocks & jugs, 3 small bal. scales, old milk jars, cast iron tea pots, waffle iron, door stop, 7"H blue spatterware bowl, egg scale, tinware, ice tongs, rolling pin, sad irons, 2 buggy lamps, 2 large sulfide marble lion & cat, rainbow swirl, green depression Aladdin lamp, old wooden mixing bowl, wooden measures, chicken on nest, lanterns, kerosene lamps, Gufus glass, 2 egg crates, rugs, German berry set, rolling pin, 6 handleless cups & saucers, copper luster pitcher, pink & green depression glass, old books & tins, bear & Lincoln banks, cookie jar, Houser shaker parts, old baskets, cut glass, ruby glass, washboard, Nippon china, old block parts, wooden rolling pin, pig cookie jar, many, many collectibles not mentioned.

TOOLS, FARM ITEMS & EQUIP., BUTCHER EQUIP.

Front mount ground scoop, Syracuse singl. bottom plow, 3 pt. ground scoop, spring tooth harrow & roller, 2 horse dump hay rake, 3 pt. 2 row cultivator, 4 old spring wagon wheels, Mountville 2 hole corn sheller w/bagger, 15' bale elevator 4 cast iron tractor seats, 8 cast troughs, 2 old hay choppers, hay cradle, hay forks & rakes, sm. anvil, bag cart, wood burning stoves, 3 spring wagon seats, single & double trees, horse & mule collars, 4 horse trees, buggy shafts, stone grinder, hit & miss engine cart only, buck saws, snitzel bunk draw knife table & knives, 2 man saws, shovels, hammers, old doors w/locks, wooden wheelbarrow, bull rope, hames & harnesses, 10 triple track storm windows, yard sweeper, wooden pulleys, straw knives, 30' wooden ext. ladder, 3 prong forks, sheave forks, steel studding, drag dung forks, 10" Wards radial armsaw, long handled tools.

Note: Just a partial listing. Refreshments served.

Sales For:
Estate of Oscar C. Bupp
Exec.: Oscar R. Bupp
3270 Bull Rd., York, PA.

Auctioneer: Edward E. Miller
PA Lic. #2331
Appr.: Lonn Hess
(717) 840-4060

PUBLIC SALE

OF ANTIQUES & COLLECTIBLES
BRICKERVILLE FIRE HALL

WED., AUGUST 15, 1990

AT 3:30 P.M.

Sale to be held at Brickerville Fire Hall, located just off Rt. 322 (approx. 8 miles west of Ephrata); Brickerville, Lancaster Co., PA.

FURNITURE

Blanket Chests; Wood Box; Oak Stacked Book Case; Oak Chest-of-Drawers; Empire Chest-of-Drawers; Chimney Cupboard; "Walt Steely" Combed Back Rocker; Walnut Corner Shelf w/ Fishtail; Wall Mirror; Oak Deer Mount Shelf w/Towel Rack; Open Wash Stand; Lincoln Dropped Front Desk; Spinning Wheel; Cradle; Miniature Wood Box; Miniature Chest; Oak High Chair; Antique High Chair/Stroller; Hanging Candle Box. **CLOCKS:** "Lady" Clock; "Cherry Boy" Light; Kerosene Lamps; Whale Oil Light; Reversed Paintings; Oval Pictures; Kieffer Paintings.

BOOKS: Bibles; Post Card Albums; Advertising Calendars; Elvis Bottle; Pocket Knives.

CHINA: "Gaudy Welsh" Cups, Saucers, Vase; "Oyster" Pitcher & Bowl; Gaudy Dutch "War Bonnet" Plate; **PLATES:** Gaudy Ironstone, Washington's Vase, King's Rose, Transfer Ironstone, Blue Sponge Spatter; "Aurora"; King's & Queen's Rose, Adams, Transfer Ironstone, Pink Lustre. **BOWLS:** Bavaria, German, Maestricht, Flow Blue Oriental; R.W. Bavaria Tea Set; R.S. Pin Holder; Chocolate Pot; Early Oriental Vase; "Flora" Pitcher & Bowl; Set of China "Bavarian-Winterling"; Leed's Dish; Copper Lustre. **MAJOLICA:** Yellowware Bowl; Earthen Pie Plates; Crocks (Blue Markings); Crock Butter Churn; Jardinieres; Roseville; Beer Stein; German Cookie Jar.

GLASSWARE: HEISEY; Flint & Cut; PRESSED & PATTERNED: Blown Glass Cruets; Salts; "Peacock" Mug; Carnival Glass; Cobalt Blue Opalescent; Ruby Souvenir; Tiffany Type Vase; Art Glass; Glass Egg; Bisque; Figure Vase.

TOYS: Doll House; Tin Doll House; Doll's Canopy Bed; Dressers; Bunk Beds; Miniature China Closet; Brass Cradle; High Chair; **CHILD'S** Benches; Morris Chair; Kitchen Cabinet; Child's Barroom Chair; Platform Rocker; Merry-Go-Round Record Player; Mechanical Toys; Set Child's China; Mickey Mouse Items; Teddy Bears; Stuffed Horse On Wheels; Paper Mache; Banks; Hubley School Bus; **MARBLES:** w/Elephant, Cat's Eyes, Bennington; **DOLLS:** (2) Armand Marsville "390", Germany "Lauren Louise", Composition Doll, Ceramic Head, Germany Cupies, German Jointed Dolls, Jointed War Dolls; Mechanical Cupie Dolls.

JEWELRY: Beads; Costume Jewelry; Wm. Rogers Candelabra; "Beaded" Boot.

LINENS: Hooked Rugs; Quilts.

MUSICAL INSTRUMENTS: Violin; Mandolin; Banjos; Guitars.

CEMENT FIGURES: Bear, Bull Dog; Chalk Horses; Indian Maid "Sapho"; "Fish Boy".

WOODEN: Tub; Butter Churn; Pie & Pig Boards; Folk Art "Full" Peacock.

IRONWARE: Hubley Dogs; Frog; Cats; Crescent Stove; Door Stops; **BANKS:** Aunt Jemima, Fido & Bear; Balance Scale; Irons & Sad Irons.

TIN: Cookie Molds; Butcher Pans; Puddin' Pan; Advertising Tins; Pewter Tea Pot; **COPPER:** Teapot, Cow Bell, Bucket; **BRASS:** Hand Bell & Umbrella Stand.

GUN: "Winchester N.W. Territories" Centennial Octagon Barrel 30-30 Rifle.

No out of state checks unless accompanied by a current bank letter.

Agent For Owners

HORST AUCTS.
T. Glenn
Timothy G.
Thomas A
AU438L
717) 859-1331 — (717) 738-1245
VOICES OF EXPERIENCE

PUBLIC AUCTION

REAL ESTATE AUCTION

23+ ACRE FARM

SAT., SEPT. 1st At 12:00 Noon

LOCATED: (On the premises) From Red Lion take Rt. 74 South approx. 6 miles turn right onto Laurel Rd., go approx. 2 miles turn left onto Wise Rd., go approx. ½ mile straight through intersection first lane to left. Auction arrows and signs are posted. York Co. Street Map page 42, section A-2, Chanceford Twp., Red Lion Schools, York Co., PA. Tax map FM, Deed ref, 89J, page 005. If directions are needed call.

23+ ACRE FARM 23+ ACRE FARM

This farm has the best of both worlds, 8 outbuildings all in good condition, most with water, all w/electric, 5 acres fenced, approx. 7 acres woods the balance in buildings and farm land, approx. 10 acres can be farmed, good for horses, sheep, cattle etc., well, spring and stream on property. The home is a 2 story 2 bdrms., done in Williamsburg decor with approx $50,000 00 worth of remodeling done in the past 3 years. A 2 bdrm. mobile home presently rented. If you like privacy, you will fall in love with this farm Approx. ¼ mile private lane to property. Stoned and easy access, outstanding view, this farm has more than an ad can say Just take a look and come to the auction to buy it. The owner has bought another farm and is moving. THE PROPERTY HAS ONE DEVELOPMENT RIGHT LEFT. Call our office for plot plan OPEN EACH SAT 10 TO 2 PM or by appt call 927-6583.

TERMS: 10% down and balance within 60 days, other conditions given sale day.

Sellers-*WAINE L. & SANDRA L. KIRBY*
Attorney - George L. Eveler
Bradley K. Smith CAI, GRI, CRS
Auctioneer Lic. #860 Ph. (717) 927-6949
Associate PA Real Estate Broker

PUBLIC SALE

Real Estate- Household Goods- Tools- Guns- Antiques- Silver Coins- Quilt- Grandfather Clock- Storage Shed

Saturday, August 25, 1990

9:30 a.m. —

Real Estate 12:30 p.m.

Located in Upper Leacock Township, Lancaster County, PA along Rt. 772. 2 miles South of Rt. 23, 3 miles North of Intercourse from Rt. 340.

Real Estate — 12:30

One acre lot improvements consist of a 4 bedroom one and a half story ranch type house, 2nd floor consists of 2 bedrooms and powder room, 1st floor has 2 bedrooms, full bath, den, kitchen and dining area, living room, laundry, semi attached 2 car garage, closed in breezeway, nice place.

10% down sale day final settlement 45 days. Shown by appointment 717-656-7078 or 215-593-2828. Announcements sale day take precedence over this ad.

Household Goods & Antiques

3 piece solid wood cedar bedroom suite, box spring and mattress; oak china closet with shelf exceptionally nice; refrigerator; Hubley tractor; Hubley manure spreader; old valentines; old books; clothes rack; old post cards; 2 old benches; 4 burner gas cook stove; grandfather clock with moon and chimes; kitchen table; 2 couches; 2 wooden high chairs; dough mixing bucket; Hoover spin dry washer; clothes tree; cedar night stand; blanket chest, cedar; steamer trunk; wooden cabinet; coffee; gas space heater; camping gas stove; 2 crocks with lids; kerosene heater; mantle clock, electric; large galvanized tub; pressure tank; pile of slate; silver dollars, half dollars and quarters; Indian head pennies.

Fishing Rods — Guns

20 gauge Browning semi automatic shotgun; Remington .22 caliber, short, long and long rifle; 12 gauge Mec shell loader; lead shot and caps; lot of shells; fishing reels and rods; fly rod and reel; new deep sea reel; tanned moose hide.

Floor Model and Hand Tools

Radial arm saw; industrial shaper; extra blades; lot of cabinet hinges, pulls, etc.; bolts, screws; carpenter tool boxes; hand carpentry tools; 8 ft. step ladder; wheelbarrows; compost shredder; 10x12 storage shed; many items not listed.

Owners:

William & Esther Chupp

Auctioneer:
Steve
Steve Jr Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Petersheim Auctioneers

Auctioneer's Note: Real Estate and personal property well maintained and in nice condition.

Food By Weavertown Youth Group

Gebhardt & Smith
The World Trade Center-Ninth Floor
Baltimore, Maryland 21202

SUBSTITUTE TRUSTEES' SALE
70.478 ACRES, MORE OR LESS, OF VALUABLE FEE SIMPLE AGRICULTURAL REAL ESTATE
LOCATED ON THE WEST SIDE OF LEWISTOWN ROAD BETWEEN LEWISTOWN AND TAPPERS CORNER IN THE CHAPEL DISTRICT OF TALBOT COUNTY, MARYLAND

WED., AUGUST 22, 1990
AT 11:30 A.M.

TERMS OF SALE: A deposit of Fifteen Thousand Dollars ($15,000.00), payable in cash or certified check, will be required of the Purchaser(s) at the time and place of sale. For a complete legal description and terms of sale, see The Star Democrat of August 6, 13, and 20, or call the offices of the Substitute Trustees.

William L. Hallam
Dawne E. Davies
Substitute Trustees
(301) 752-5830
A. Curtis Andrew Auctions, Inc.
Road 2, Box 144
Denton, Maryland 21629

PUBLIC AUCTION

North-Mont Farms Complete Herd Dispersal, semen, semen tank, etc. Located on farm 1½ miles N of Dewart, PA. Just off RT 405 along River Road. 10 miles S of Williamsport. Watch for auction arrows off RT 405 in village of Dewart.

FRI., AUGUST 17, 1990
Starting at 11 AM With Semen

110 HOLSTEIN DAIRY CATTLE 110

5 Red & Whites • 30 Registered
80 Hi-Grades

Herd consists of 35 milking age animals, 11 due Sept., Oct., Nov., bal. in all stages, 35 big strong bred heifers due Sept. & Oct. incl. 2 R & W's 10 shortbred heifers, 20 short yearlings incl. 2 R & W's. Bal. down to calfhood incl. 1 R & W Feb. calf.

Sample of the kind that sells:
BRANDY: Valiant w/records to 23,497 765 from VG87 Jet Stream w/records to 23,769 933, Due Nov. to Foster. Brandy sells w/her 4.1% Chairman dau. just fresh w/Cleitus heifer & yearling Elevation. Also selling Brandy's Cleitus due sale time to Tong.

Many more of the same quality sell.
Sires include: 4 Chairman, 6 Count, Sammy, Merit, Marvel, Sundancer, **Roybrook Starlite,** Starwars, Stewart, Vanguard, Steady, Cleitus, RORA Elevation, Frontier, Satan-Red, Helium Joe Bob-Red, etc.
Service Sires include: Count, Tong, Rocky, Cleitus, Shaun, Abacus, Gabriel, Sammy, Aries, Symbols, Steady, etc.

TB & Bangs Tested -
Certified & Accredited
Pregnancy Checked - DHIA Records
Sale Under Tent

SEMEN & TANK: MVE Cryogenics tank; SEMEN, amps incl. 5 Elevation, 1 Elmcroft Pontiac Chieftain, 8 R Maple, 4 Lancer, 1 Hartsbrook Ivanhoe Ken, 5 Vigo Citeron, 7 Norman, 5 Grayview Skyliner, 10 Starfire, 1 Starflite. STRAWS incl.: 5 Abacus, Steady, 4 Symbol, 3 Stewart, 5 Mariner, 1 Very, 2 Marvin, **6 Roybrook Starlite,** 1 Mil-Nor, etc. Also selling several 16-18" adjustable gutter grates, some other dairy supplies, etc.

TERMS: Cash or good check day of sale. Out of state buyers must have current letter of credit guaranteeing funds.

OWNERS:
DONALD & ALMA BIEBER
RD 1, Watsontown, PA
(717) 538-9487
..... LUNCH AVAILABLE .....
PEDIGREES:
Henry Kettering, Ephrata, PA

Conducted by
TRALEY AUCTION CO.
Licensed & Bonded - RD 4, Muncy, PA 17756 - RY71L
(717) 546-6907

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

MON AUG. 20 - 4PM, Antiques, HH Goods, Winross Trucks, Ertl Toys, Milk Bottles, Baseball Cards and Collectibles, located at the Brickerville Fire Hall, just off Rt 322 W of Ephrata in the Village of Brickerville, PA, Sarah Furlow Estate, E M Murry Assocs, Aucts

MON AUG. 20 - 6 30PM, 1 5 Acre Farmette, Motorcycle, Gun, located in the Village of Farmersville, W Earl Twp, Lanc Co, from Ephrata take Rt 322 E to Hinkletown, at Martin's Bicycle Shop turn right onto Farmersville Rd, follow approx 3 mi to Farmersville, property on left near Fire Hall, Kenneth H and Darlene B Weaver, owner, Paul E Martin and John D Stauffer, Aucts

TUES AUG 21 - 12 30PM, 58 Cattle, Whitney Point Sale Barn, Whitney Point, NY, Harry Tickner, owner, "Charlie" Manasse, Auct

WED THURS FRI, AUG 22, 23, 24 - Martin's Summer Carriage, Sleigh & Antique Auction at Martin Sales Pavalion, corner Rt 340 & New Holland Rd, 2 mis E of Intercourse, PA

WED AUG 22 - 11AM, Valuable Fee Simple RE known as "The Four Square Farm" and at 11 30AM-70 478 Acres M/L of Val Fee Simple Agricultural RE both located on the SE side of Old Chapel Rd in the Chapel District of Talbot Co, MD, Gebhardt and Smith-William L Hallam and Dawne E Davies, Substitute Trustees, A Curtis Andrew Auctions, Inc, Aucts

WED AUG 22 - 3PM, Antiques, located at the Lemaster Community Center, Lemaster, Franklin Co, PA 13 mi SW of Chambersburg, PA, Ray and Betty Mellott, owners, J Robert Meyers, Auct

WED AUG 22 - 3 30PM, Antiques, Furniture, HH Goods, Office Equip, located at Brickerville Fire Hall, along Hopeland Rd, just off Rt 322, W of Ephrata, PA, Ella Kurtz and Mr. and Mrs. S E Palm, owners, T Glenn Horst and Sons, Aucts

THURS AUG 23 - 4PM and SAT AUG 25 - 8AM, Lifetime Collection of Antiques, Furn, China, Crocks, Woodware, Tinware, etc, located take Rt 74 3 mi N of York to Davidsburg Rd (Brooks Drugstore) thence W 8/10 mi to Admire Rd, then SW 2 mi to sale, Harry L Wehler, owner, Clair R Slaybaugh, Auct.

THURS AUG 23 - 6 30PM, Country Farmette, 7 Acres +, 2½ story frame dwelling, barn and spring in center of property, located across from the Project appro 1 mi E of Kleinfeltersville, Leb Co along 897, Rodger L and Holly K Diehl, owners, G Harvey Weik, Auct

THURS. AUG 23 - 7PM, Farmhouse with 4 Acres, located from Morgantown take Rt 10N approx 1.5 mi, right onto Joanna Rd, go 2 mi to property on left, Caernarvon Twp, Berks Co., Daniel & Deborah McCalicher, owners, Horning Farm Agency, Aucts

FRI AUG 24 - State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI AUG 24 - 1PM, Real Estate-Log Home and Acreage, located Valley Rd, just off Rt 6 1 mi W of Mansfield, Richmond Twp, Tioga Co, PA, Denver C Warren, owner, Randy Jelliff Auction Service

FRI AUG 24 - 4PM and SAT AUG 25 - 9AM, Tools, Tractor, Riding Mower, Cider Press, Antiques, Collectibles, Coins, Guns, Furniture, located Bethel, PA, Berks Co, Charles E Kline, owner, Dwight D Miller, Auct

FRI. AUG 24 - 5 30PM, RE, Vehicle & Personal Property, located at 16 Elser Hill Rd, Lititz, PA, Trinity Baptist Church, owner, E M Murry Assocs, Aucts

FRI AUG 24 - 7PM, 60 Registered Holsteins, located Lebanon Area Fairgrounds, Lebanon, PA, 2 mi S of Lebanon on the corner of Cornwall and Evergreen Rd, Harry Bachman, Auct, Dale Hoover, Pedigrees

SAT AUG 25, Real Estate-House with Acreage in Wellsboro Borough, PA, Mrs Dorothy Scudder, owners, Randy Jelliff Auction Service, Aucts

SAT AUG 25 - 9AM, 5 Acres Zoned Commercial 1, HH Goods, Car, located 158 N Rt. 272, Stevens, PA, Luke V Coldren Est, Paul E Martin and John D Stauffer, Aucts

SAT AUG 25 - 9AM, Estate Auction, Deep Creek Valley Farm 3 Miles Northeast of Hegins, along Hill Road in Hegins Township, Schuylkill County, Pa From I-81 Exit 34 Take Rt 25 to Hegins, at Hegins take Rt 125 North to 1st Road, Turn Right On East Mt Road & Go To Top Of "Little Mountain" take Valley Road Straight Through To Hill Road T-881 In Deep Creek Valley Estate of Percy J Deeter Mike & George Deibert, Auctioneers.

SAT AUG 25 - 9AM, RE, Antiques, Collectibles, HH Items, Coins, etc, located Elizabethville, PA, ½ mi. N of Upper Dauphin Area High School, Laura M Snyder, owner, Lee D Dockey, Auct

SAT. AUG 25 - 9AM, Brick Dwelling, RE, Antiques, HH Goods, located at 30 W Lincoln Ave., Lititz, PA, Jeanette P Steffy Estate, T. Glenn Horst and Sons, Aucts

SAT AUG 25 - 9AM, Garage Equip, Power Tools/Jacks, Tire Changer, Frontend Alignment Machine, Air Compressor, Texaco Gas Pumps, New/Used Car and Willys Parts, Asst Tools, Auto-Manuals, Oak Roll Top Desk, etc., located 108 Main St., Pennsburg, Montgomery Cty., PA, Mr. and Mrs. Homer Bieber, owners, Houser Aucts.

Public Sale
Saturday, August 18, 1990
At 10:00 A.M.
Of Farm Equipment, Tools, Household Goods And Antiques

Located along Brown Road Rt. 23 in Churchtown, turn North on Churchtown Road, to Brown Road, or Rt. 625 turn East on Center Church Road, to Turkey Hill Road, turn right on Brown Road, Caernarvon Twp., Lancaster County, Pa.

John Deere #39 tractor mower, John Deere tractor cultivator, 3 point cultivator, 3 point scoop, old dump rake, New Holland firewood saw, rototiller, buck saw, cross cut saws, 2 man and 1 man, old pump, pitcher pump, piston pump, bee equipment, chestnut fence rails, wheels various sizes, new bushel crates, weed burner, garden cultivator, 3000 tobacco lath, shears, and spears, unicycle, surge vacuum pump model SP11.

Steam Whistle

Steam engine governor, 2 Ford magneto to coils, 2 grain cradles, hay hook, rake, pull hay forks, hay knife, hand boring machine, 2 inch augers, 2 pea scales, 12 milk cans, lots of old license plates, cars and hunting license, antique wrench set, 50 ft. ½ in. cable, 12 volt fence charger, single, double and triple trees, sledge hammer, wooden plane, lots of hand tools, shovels, hammers, forks.

Household Goods And Antiques

2 dry sinks, Bowers flour chest, 4 rope beds, other beds, springs and mattresses, folding couch, antique couch, extension table, old chest with drawers, tan Columbian kitchen range, kerosene stove, warm morning wood stove, 2 wood chests, Whirlpool refrigerator, gas refrigerator, old ice refrigerator, gas water heater, caned settee, 12 ft. bench, parlor stand, 2 night stands, 2 wash stands, cribs, play pen, cast iron pump, trough, Speed Queen electric wash machine like new, wash machine with Briggs engine, Singer and White treadle sewing machines, gas lights, kerosene lights, lanterns, old chairs, rocking chairs, arm chairs, 5 and 3 gallon crocks, 5 gallon and 3 gallon earthen jugs, large wooden tub, meat cleaver, wood butter churn, butter scale, squeeze-o-juicer, pressure canner, colored glass jars, dated jars, bottles, small mill stone, broad ax, stone ax, arrow heads, candle mold, old magazine, and books, new brooms, 10 qt. hand crank ice cream freezer, quilts, comforts, blankets, old pitcher, stainless steel bowl set, several adding machines, old typewriters, old wood panel house shutters.

1902 Remington 22 cal. rifle 12 ga. single hammer gun .20 ga. bolt action adjustable choke, few coins, 1862 half dime, 1891 silver dollar, old 2 dollar bills, gun cabinet.

Auctioneers Note: Many more items not listed starting on small items and tools, equipment, household goods 12:00, furniture at 1:00.

Terms By
Menno M. And Martha Shirk
215-445-6852

Auctioneers:
Paul W. Horst
Leroy S. Horst
215-445-5119
No. AU-001122-L
Lunch Served
Not Responsible For Accidents

PUBLIC AUCTION
3 JD TRACTORS- JD COMBINE- FARM EQUIPMENT & TRUCKS
SATURDAY, AUGUST 18, 1990
8:30 A.M.

LOCATED: US Rt. 30, West of York, turn South on Rt. 616, go 7/10 Mile & Turn Left (East) onto Gravel Rd., 1st Farm on Right. Watch for Signs.

TRACTORS- TRUCKS- COMBINE

1967 600 Ford 4-spd., 2-spd. rear axle, 16' bed w/grain and cattle racks, 21,000 GVW, runs real good; JD 2840 Tractor, Dual Hydraulic, 85% Rubber, Diff. Lock, Ind. PTO, High & Low; JD 148 Hydraulic Loader w/ Mtd. for 2840; Manure & Material Bucket & Forks for 148 Loader; JD 4020D, 90% Rubber, Dual Hydraulic, Power Shift & Turbo; JD 4010D, New Rubber, Single Hydraulic; JD Front Weights; JD Hydraulic Cylinders; JD 6600 Side Hill Combine, Diesel, Hydrastatic w/Bin Lids (Real Clean); JD 215 Grain Head-Good; JD 643 Corn Head- Good; JD Stalk Chopper; 1985 Ford Conversion Van, Real Clean, Air, Power Steering & Automatic; 1980 Ford 4x4- 250 Pick-Up, 351, Automatic, Dual Tanks; 1979 Ford 4x4- 4 Speed; 1971 International 2110 Grain Truck w/Hoist, 33000 GVW; 19670 Ford F600 Grain Truck w/Hoist, 21000 GVW; Tool Box for Pick-up; Portable Fuel Tank; JD 440 Liquidfire Snowmobile; 55 Honda Trail Bike.

JD 8300 Grain Drill 16 Disc Double Openers, JD 1250- 6 Row Narrow No-Till Corn Planter w/Dry Fertilizer, JD 4x16 Hydraulic Reset Plow, JD 485 Haybine, New Holland 269 Baler, (2) JD #10 Mowers - 1 for Parts, Knives for JD 10 Mower, JD Roto Bar Rake, 2 JD Transport Disc- 11' & 12', Brillion 12' Cultipacker, JD 4 Row Stalk Shreader, JD 20' Fold Spring Harrow, JD 381 Spinner Fertilizer Spreader 3 pt., JD 3 pt. 150 gal. Sprayer w/ Booms, JD 300 gal. Trailer Sprayer w/Booms, JD 40 PTO Manure Spreader, International 10' Chisel Plow w/Gauge Wheels, JD 4 Section Rotary Hoe, JD 45' Elevator w/Gas Motor, AC 60 Pull Type Combine for Harvesting Clover Seed, 2 Grove Wagons w/Dump Bed & Sides, 2 Flat Bed Wagons, Cyclone Grass Seeder, Tractor Chains, Tow Chains & Chain Binders, Tractor, Truck, & Car Tires, JD 3 Section Spring Harrow, 3 Pt. Tool Bar, 9' Snow Blade & Mtd. for Tractor, Manifold for 4020, JD 2 Row Corn Planter- 3 Pt.

"4000 Bushel Stormor Drying Bin" w/Gas Dryer, Sterilator, Spreader, Unloading Auger (Sold Complete).

61'8" Auger PTO Driven, 50'6" Auger PTO Driven- Both have Transports.

20' Extension Ladders, 2 Butcher Kettles, Hog Gallows, Scalding Trough, Surge Hot Water Heater, Surge Milker, 3 Wheel Bicycle, 2 House Frames w/Axles, "12'x16' Chicken House", Platform Scales, Hand Skid Jack, Portable Air Compressor, Chicken Feeders, Wagon Load of Misc. Farm Items.

TERMS: CASH OR GOOD CHECK

MR. & MRS. ROBERT A. KRAMER SR.
R.D. #28 Box 392
York, Pa.
717-792-1247

AUCTIONEER:
BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA.
717-764-6412
PA LIC. #761 & #2483

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. AUG 25 - 9AM, RE 1PM, RE, Tractors, Farm Equip , Misc , Guns, Butcher Equip., HH Goods, located Southern York Co , Red Lion, PA, Arthur S Baker, Sr , owner, Melvin Haines and Ralph Brenneman, Aucts

SAT AUG 25 - 9AM, Former Mt Penn High School Surplus Auction, located in Mt Penn, PA, Berks Co , south of Reading, Sale ordered by School Board, Eugene G Klinger, Auct

SAT AUG 25 - 9 30AM, RE 12 30PM, RE, HH Goods, Tools, Guns, Antiques, Silver Coins, Quilt, Grandfather Clock, Storage Shed, located in Upper Leacock Twp , Lanc Co , PA along Rt 772, 2 mi S of Rt 23, 3 mi N of Intercourse from Rt 340, William and Esther Chupp, owners, Steve and Steve, Jr Petersheim, Aucts.

SAT AUG 25 - 10AM, Real Estate and Personal Property, located corner of Rt 10 and Church Rd , Cochranville, PA, Estate of Mabel S Kauffman, Kenneth Griest and John Stoltzfus, Aucts

SAT AUG 25 - 10AM, Real Estate and Personal Property, located corner of Rt 10 and Church Rd , Cochranville, PA, Est of Mabel S Kauffman, Kenneth Griest and John Stoltzfus, Aucts

SAT AUG 25 - 10AM, Antiques, HH Goods, Shop Tools, Arien Snow Blower, located 1832 Lampeter Rd , Lampeter, PA, Benj E and Rhoda L Shenk, owners, Miller and Siegrist, Aucts

SAT AUG 25 - 10AM, Butcher/Slaughterhouse Equip , 1987 For F250 4x4 Pickup, Horse Trailers, Pet Supplies, etc , located West Whiteland Twp , Chester Co , PA, Boot & Copeland Rds , Taylor's Dog Food, owner, Kenneth A Geyer Auction Co , Inc , Aucts

SAT AUG 25 - 10 30AM Sharp! Late Model Construction Equipment & Trucks, located Clark's Excavating & Grading, Inc , Wincester, VA area, Wolfe Industrial Auctions, Auct

SAT AUG 25 - 11AM, Farm Machinery, Two JD Tractors, Some House Items of the Late Howard E Frey, 1 mi W of Nesbit, PA, Lycoming Co , Esther Sinibaldi, owner, Conducted by Fraley Auction Co

SAT AUG 25 - 11AM, Southern Tier Antique Engine Association Annual Auction, Maine, NY, "Charlie" Manasse, Auct

MON AUG 27 - 9AM, Antiques, China and Glassware & Tools, located in Warehouse of Guest Trailer Rentals, just off Rt 283, Mt Joy, PA, Guest Trailer Rentals, Inc , owners, T Glenn Horst and Sons, Aucts

TUES AUG 28 - 9AM, Oriental Furniture, Oriental Rugs, Antiques, HH Goods, located at 1160 Aquilla Dr , E Hempfield Twp , Lanc Co , PA, Jack O Cochran, owner, T Glenn Horst and Sons, Aucts

TUES AUG 28 - 6PM, Guns of all descriptions Diffenbach's New Holland Auction Center, Ltd , 100 West Jackson St , New Holland, Pa 17557 Diffenbach's Auct

WED AUG 29 - 9AM, Absolute Public Auction-Wholesalers Clearance, Lawn & Garden Supplies, Pestisides, Herbisides and Tools, located at Pen Embreyo Warehouse corner of 322 and Reidenbach Rd , New Holland, New Holland Supply Co , owner, Miller and Siegrist, Aucts

WED AUG 29 - 10AM, Building Supplies, located 3 mi W. of Freehold Circle, 1 block off Rt 33 southside, Millhurst Mills, Freehold, NJ, Peter Costanzo Auctioneers, Inc , Aucts.

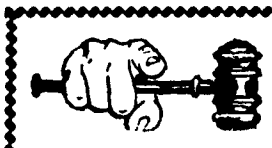
WED AUG. 29 - 3PM, Holland Stone Rancher, RE, Antiques, Noritake Azalea China, HH Goods, Tools, located at 1549 Picnic Grove Rd., Penn Twp , Lanc Co., PA, Edna E Loose, owner, T. Glenn Horst and Sons, Aucts

THURS. AUG. 30 - 9.30AM, Tractors, Trucks, Farm Equip., located Everetts Corner Rt. 44 & 300, 4 mi. W. of Kenton Del., C T. Scuse & Sons, Inc., Aucts.

THURS. AUG. 30 - 10AM, Unimproved Development - "Orchard View", located Board Rd., Mancehster, PA, Jeff Sleeger and Mike Hueter, owners, Blain N Rentzel, Auct

FRI. AUG. 31, SAT. SEPT. 1 and MON. SEPT 3 - at 8:30AM each day, 15,800 Postcards, Over 700 Lots of Rare and Misc. Books & Over 650 Lots of Outstanding US Postage Stamps, at the Farmersville Fire Hall, E. Farmersville Rd., Farmersville Lanc. Co , PA, T. Glenn Horst and Sons, Inc., Agents for Owners and Aucts.

FRI. AUG. 31 - 5PM, Slot Machines, Juke Boxes, Antiques, Collectibles, Guns, Beer Advertisements, 1-Horse Sleigh, at Leesport Farmer's Market banquet hall located off of Rt. 61, approx. 10 mi. N. of Reading to the North end of Leesport, Berks Co., PA, Dennis F. Wagner, Auct



PUBLIC AUCTION

OF VALUABLE HOUSEHOLD GOODS, ANTIQUES, TRUCK & GUN

SATURDAY, AUGUST 18, 1990
9:30 A.M.

Located on Rt. 30, approx. 10 miles east of Lancaster, at the Kinzer Fire Hall, ½ mile east of Vintage near the village of Kinzer, Lancaster Co., Pa.

HOUSEHOLD GOODS: Old Jelly Cupboard; Old Blanket Chest; Old Oak Bow Front China Closet with Mirror on top; Old 4 Leg Drop Leaf Table with Dovetailed Drawer; Old Pine Canning Jar Cupboard; Old Butcher Bench; Oak Dresser & Chest of Drawers; Pr. Half Spindle Hard Bottom Chairs; Old Handpainted Wooden Rocker; Misc. Round & End Tables; Flower Stands; Smoking Stand; Glass Front Bookcase; Unusual Wood China Closet; Misc. Cane Seat Chairs; Cedar Wardrobe; Modern Solid Cherry Extension Table & 6 Chairs; Wood Dinette Table & 4 Chairs; Oak Swivel Chair; Upholstered Sofa & Chair, Love Seat, Rocker Recliner; Single & Double Metal Beds; Philco Floor Model Radio; Victor Victrola (Victor Chalk Dog, 1 ear missing); Hotpoint Refrigerator; Maytag Portable Dishwasher; Singer Treadle Sewing Machine; Zenith Color Console TV; Kneehole Desk; Metal & Wood Wardrobes; Pictures & Picture Frames; Pearl Picture; Misc. Lamps; Old Light Fixtures; Elec. & Coal Oil Heaters; Linden 30-Day Clock.

GLASSWARE: Misc. China & Glassware; Austrian & Japanese Pcs.; Cranberry Water Pitcher & 8 Glasses; Old Toilet Set (incomplete); S & P Shakers; Chicken on Nest; Pressed Glass; Ceramic Wall Hangings; W. L. Zimmerman Golden Anniversary Plate 1909-1959; Spoon Holder; Misc. Pots & Pans; Cookie Cutters; Buttons; Misc. Baskets; Cheese Boxes; Milk Can with Spigot; Costume Jewelry; Misc. Linens & Bedding; Old Books & Bibles; Horse Magazines; Old Toys, Mechanical Iron Bank (Hometown Battery); Old Wicker Baby Coach; Old Wicker Doll Coach; Paradise Seed Co. Phonograph Box; Stuffed Peacock; Misc. Tools; Old Wood Wheat Cradle; Coleman Lantern; Misc. Office Supplies.

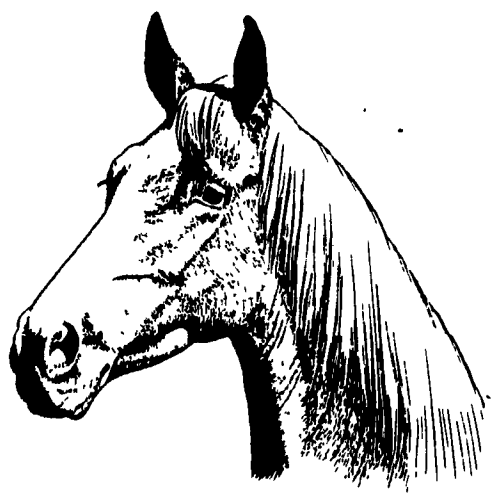
TRUCK: 1980 International Series S Diesel Tractor (no Trailer), Model 2275 Single Axle, 290 Cummins Engine, Low Original Mileage, New Rubber, Power Steering, AC, AM/FM Radio; Running Boards for Pickup Truck; Skids with Wheels; Alm. Conveyors; Loading Ramps; Truck Tires & Wheels; Truck Jacks.

GUN: Old 12 Gauge Cellar Door Shotgun (Belgium).

ORDER OF SALE: Glassware, Furniture & Appliances. TRUCK & Truck related items & GUN sold at 12 Noon.

Terms By
FLOSSIE TROUT ESTATE
Robert C. Trout
Clara E. Rineer
Helen M. Beecher
Executors

Aucts.:
Robert E. & Jeffrey R. Martin
AU000580-L tele. (717) 656-7770
Randall L. Ranck, Appr.
Lunch Available
No Out Of State Checks



HORSE SALE
at
IRISHTOWN STABLES

Wednesday Evening
August 15, 1990
Hitch - 6:30
Sale - 7:30 P.M.

Standardbred horses out of Ohio including: 1 top big 5-year-old black trotter with 2 white legs, 1 big 5-year-old bay horse that we have been driving for 3 months.

Elam B. Stoltzfus
Ronks, PA
Call Evenings
717-768-8690

ROBERTS NURSERY CO.

COMPLETE LIQUIDATION AUCTION

THURS., AUGUST 16, 1990
AT 11:00 A.M.
ALPINEVILLE RD. (RT. 36)-
DANSVILLE, N.Y.

10,000 SHADE, FRUIT & CRAB TREES, FARM EQUIPMENT

DIRECTIONS: From exit 5 Rt. 390 take Rt. 36 North 1.5 miles to Alpineville Road. The equipment and trees will all be sold at the farm site.

NOTICE: After many years of successful business the owners will retire from the nursery business. The stock is all top quality.

SELLING EQUIPMENT: IH 806G tractor w/loader & forks; IH 706G; IH 460 utility; Farmall 400 Hi clear; Farmall AV; IH 140 Hi clear; IH T340 crawler loader w/Vermeer Model 30 tree spade; Trac-Lift 20; 4B plow; 12' disc; drag; chisel; (2) 2 row transplanters; shade tree planter; 2 tree diggers; Myers air blast sprayer; Howard 5' rotovator; 8' rotary mower; 1000 gal. tank w/pump; 2000 + ft. 4" alum. irrigation pipe; dump wagon; 2 Ford vans; Chev. C50 van truck and C60 dump.

GROWING STOCK: 1700 flowering crab 1½ -3", 950 flowering crab 6-8'; 150 Bradford pear; 1000 Red & Norway maple; 700 Ash to 8'; 700 French lilac 2-4'; 900 thornless Honeylocust whips to 2½ "; 2000 dwarf apple on EM#7 root 5-7'; 2000 Euonymus alatus compactus 6-12" transplants.

Buyers have until 6-1-91 to dig and remove. Local contractors available.

TERMS: Full payment day of auction.

OWNERS:
Roberts Nursery Co., Inc.

ROY TEITSWORTH, INC.
SALES MANAGER & AUCTIONEER
6502 BARBER HILL RD.,
GENESEO, N.Y. 14454
716-243-1563

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P.O. GENESEO N.Y. 14454
TEL 716-243 1563

PUBLIC AUCTION

Fraley's Annual Fall Farm Machinery Consignment Sale

Located on our farm 3 miles E of Muncy, Pa. along Kepner Hill Road. (Lyc. Co.)

SAT., SEPT. 15, 1990

Expecting our usual run of 20-25 tractors & 200 pcs. machinery, if you have machinery to consign to Lycoming Co's largest sale of its kind call before Sept. 2 to receive advertising coverage. For more info call Auct. Co.

Conducted by
Fraley Auction Co.

RD#4 Muncy, Pa.
(717) 546-6907
RY71L

Public Auction

Having sold farm (also cattle & machinery in Feb. '90) will sell north of Frederick, Md. on Route 15, exit on Motter Ave. to Opossumtown Pike, west four miles to Ford Road, left to 1st farm on left.

Sat., August 18, 1990
at 8:30 A.M.

Butchering Equipment: 7 iron kettles & rings; barrel furnaces; stirrers, flesh forks, ladles, dippers, scrapers, meat hooks; stuffers; Enterprise 32 grinders, extra plates & knives; tripods; gaming sticks; tubs & buckets; meat boards.

Tools & Misc.: Mighty Mac wood splitter; Partner 20 in. chain saw w/extra 30 in. blade; 2 smaller chain saws; leg vise; swivel vise; wall drill press; round metal bolt bin; other metal bolt bins; work benches; wood & metal storage cabinets; anvils; I beam dolly; chain hoist; pipe, lumber & metal storage racks; metal shop table legs; 50 ton barn jack; Reddy shop heater; barrel stove; salmander; welding table; bolts, nuts, washers, etc.; threshed rods; brass, galv. & plastic fittings; plastic pipe; copper tubing; masonry straight edges; new ½ HP motor; 1 HP motor w/HD reducer; other elec. motors; heavy 1 in tow cable; other lighter cable; log chains; chain binders; post jacks; paints; grease guns; oil tins; lot of barn, garden, shop & hand tools incl. some power tools.

Oak & poplar 2x4, 2x6, 2x10x14 & 16 ft.; other new & used lumber; new & used tin roofing; good used pipe & angle iron; 8 in. alum. pipe; alum. & other scrap metal; Reese style & other hitches; truck chains; belts, plywood & pressed wood, elec. wire & switches; 16x20 & other good tarps, 30 & 40 ft. wooden extension ladders; 8 ft. fluorescent shop lights; elec. fencers; wheelbarrows; rope & double blocks; drain field pipe; jerry cans.

3 early wagon jacks; milk cans; nail kegs; sleds; chicken crates; elec. brooder; metal chicken nests, feeders, etc.; wooden & metal barrels; bag wagon; feed cart; potato & other horsedrawn plows; team saddles; collars; hames; harness & hitchings; cross cut saws; 2 prong & grab hay forks; chain link fence; 6½ ft. high chain link panels & posts; used tires; scraper & snow blower for lawn tractor; 1966 Honda 90 trail bike.

Household Articles: G.E. refrigerator w/ice maker & crusher; G.E. 40 in. elec. range, both in Harvest Gold & excellent condition; G.E. portable dishwasher; Monogram chunk stove; pine hutch; 4 pc. mahogany BR suite; Waterfall chifforobe; large camelback trunk; oak sideboard; sofa & occ. chairs; stands & tables; pots; pans; odd dishes & other household articles.

Many other useful articles to be sold from this 50 years of accumulation

Sale Order: Household articles, butchering equipment, tools, etc.

Terms: Cash or approved check. Not responsible for accidents.

Rhudel & Helen Putman
6635 Ford Road
Frederick, MD 21701
Phone 301-662-3065

Auctioneer: Robert C. Mullendore
Boonsboro, MD
Phone 301-582-0546

Clerk: C. L. Metz

Lunch Rights by
Frederick County 4-H Camp Center

PUBLIC AUCTION
REAL ESTATE AUCTION
SAT., AUG. 18th, 1990 At 12:00 Noon
PICTURESQUE 85 ACRE ± FARM
OF THE JOHN C. MAY ESTATE

LOCATED: Take Rt. 74 South of Red Lion approx. 6 miles, turn left on first road before the Brogue Post Office (Canning House Road), go approx. 1½ miles, farm on right. Arrows and signs posted, Chanceford Twp. York Co., York Co. Street Map page 33, section D9, tax map GM, parcel 10, soil map 31, region 2, deed reference book 28 C, page 370. If directions are needed call.

REAL ESTATE

This farm consists approx. in acreage the following: 35 acres tillable, 38 acres woodland & 12 acres pasture etc , total 85 acres Home is a brick rancher having 3 bdrms , 1 full bath, living rm , kitchen, full basement for storage w/outside entrance, heat is F H A wood stove, on site well & septic, outbuildings are 40x60 beef barn w/block foundation & concrete floor, 32x40 machinery shed & also a 14x22 corn barn w/one car garage, several chicken houses, a small summer house, home & buildings over-all in good condition, stream runs through property This farm is one of York County's rare find for privacy & seclusion Mr & Mrs May's love for flowers have given this farm a reputation for its beauty and color throughout the seasons. You should take a look at this farm and see why we say it is a picturesque farm. The farm will be surveyed w/drawing before auction date This farm has the hide-away location You will find the setting absolutely heart warming. The property is being sold Free & Clear but in "AS IS" Condition

Farm will be open each Saturday from 10 to 2 P.M. starting July 7th, 1990 or by apt. To see call Mrs. Mundorff at (717) 927-6662 or office at 927-6829 or call auctioneer. All dimensions and descriptions are approximations only based upon the best information available and are subject to possible variation.

TERMS: At the time and place of auction, the purchaser will be required to make a deposit of 10% of final bid price in cash, certified check or a PA. approved check, balance is due within 60 days for full settlement.

PLEASE NOTE- **The seller intends to make every effort to accept the highest bid offered on sale day, so please make your inspection and come prepared to buy the farm at auction.**

LOIS MUNDORFF, EXECUTRIX
D. REED ANDERSON, ATTORNEY
FOR JOHN MAY ESTATE
BRADLEY K. SMITH, CAI, GRI, CRS
ASSOCIATE PA. REAL ESTATE BROKER
AUCTIONEER LIC. #000860-L
PH. (717) 927-6949

PUBLIC AUCTION
SELECT VALUABLE REAL ESTATE
SAT., SEPTEMBER 1, 1990
11:00 A.M.
Located at 970 Fruitville Pike, Lititz, Pa. 3.7 miles Southeast of Manheim Borough approximately 5 miles North of Lancaster City.

REAL ESTATE: to be offered consists of very select parcel of land located in Penn Township, Lancaster County, Pa. containing 25.93 acres of level limestone ground. Thereon erected 9,000 sq. ft. antique and classic auto storage facility. Interior completely finished to good taste in all areas, including the lighting, heat pumps, fireplace, offices and restrooms.

Also erected thereon, a ground keeper's utility building located to the south of the major portion of the aforementioned acreage. Enter this fine property by the way of the blacktopped shady lane, which gracefully winds its way towards the facilities. The entire area is lawn with white rail fence. This property is ideal for park, polo field, equestrian lovers, animal hospital, lots of opportunity waiting for you to begin or expand your dreams of owning one of Lancaster County's finest properties.

TERMS: 10% down day of auction, balance due in 45 days. INSPECTION DATES: Saturday, August 11, 1990 - 10:00 a.m.-Noon and Friday, August 17, 1990 - 3:30 p.m.-5:00 p.m.

NOTE: Broker participation, 1% fee is being offered to any broker registering a client that becomes the successful purchaser, broker must register with the auctioneer on or before August 31, 1990. NO EXCEPTIONS!

Auction for the owners
ALDEAN & BETTY HAMILTON
E.M. Murry Associates
AU-6481
Young & Young Attorneys
PLEASE WRITE OR CALL FOR BROCHURE

E.M. Murry Associates
10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

SEPTEMBER

SAT SEPT 1, 1st Annual Fall Farm Machinery Consignment Auction, at Kling's Sale Barn, Landisburg, Perry Co., PA, Kling's Auctions, Inc , Aucts

SAT SEPT 1 - 9AM, 300' Frontage, 36'x60' Commerical Building, Store & Shop Inventory, Antiques & Collectibles, located Village of Erdman, along the Erdman to Sacramento Rd in Lykens Twp., Upper Dauphin Co., PA, Est of Luther E. Klinger, Mike and Geo. Deibert, Aucts.

SAT. SEPT. 1 - 9AM Sharp! Real Estate, HH Goods, Appliances, Antiques, etc , located taking Rt. 30 midway between Gettysburg and Chambersburg to Rt. 234, thence turning NE on said road 3 mi. to The Miltenberger Rd., then N. 7/10 mi to South Mountain Rd. then E. 7/10 mi. to sale, Est Mable E. Gilkey, Clair R Slaybaugh, Auct

SAT. SEPT 1 - 10AM, RE, Antiques, Collectibles, HH Items, located Pine St in the Borough of Berrysburg, PA, Est of Estella M Strawhecker, Lee D Dockey, Auct

SAT SEPT 1 - 10AM, RE-1½ Story Frame House & 1 Story Cement Block 2-Car Garge, Int TD 6 Caterpiller, other Farm Equip , etc , located at 1537 River Rd., Drumore Twp , Lanc Co., PA, Roy J Kauffman, owner, Howard Shaub, Auct

SAT SEPT. 1 - 10AM, Antiques, HH Goods, Tools, Snow Blower, located 30 Harvest Rd , Lancaster, PA, Daniel and Nora High, owners, Miller and Siegrist, Aucts

SAT. SEPT 1 - 11AM, Real Estate, located at 970 Fruitville Pike, Lititz, PA, Aldean and Betty Hamilton, owners, E. M. Murry Associates, Aucts

SAT. SEPT 1 - 12Noon, Real Estate-23+ Acre Farm, located from Red Lion take Rt 74 S approx 6 mi turn right onto Laurel Rd , go approx 2 mi left on to Wise Rd , go approx ½ mi straight through intersection first lane to left, York Co , PA, Waine L and Sandra L Kirby, owners, Brandley K Smith, Auct

SAT SEPT 1 - 12Noon, Giant Quilt Auction (Old and New), located Rt 522, RD 3, Middleburg, PA, at Keister's Middleburg Auction Sales, Inc.

SAT SEPT 1 - 1PM, 82 Acre Farm, located 336 Brethren Church Rd , Leola, Lloyd K and Anna M Huber, owners, Paul E Martin and John D Stauffer, Aucts

MON SEPT 3 - 9AM, Consignment Sale, located ½ mi E of Pine Grove, PA off of Rt. 895 at Derfler's Marstown Softball Field, Robert W Derfler, Auct

TUES SEPT 4 - 6PM, Lawn Mowers & Garden Equipment Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St , New Holland, Pa 17557 Diffenbach's Aucts

THURS SEPT. 6 and FRI SEPT 7, Large Two Day Sale of Farm Equip , etc , at Marion, PA, Ralph W Horst, Mgr

THURS SEPT 6 - 4PM, Full Line of HH Furnishings, Antiques, Appliances, Organ, Dishes & Cookware, 2 Garden Tractors, Tools, etc., located 5 mi N of E Berlin or 8 mi S of Dillsburg along Rt 194, York Co , PA, Robert E Ginter, owner, Clair R Slaybaugh, Auct

FRI SEPT. 7 - Eve , Registered Holstein Dispersal, located St Thomas, PA, Dale Niswander, owner, Kling's Auctions, Inc , Sale Mgrs

BERKS CO. INDIAN ARTIFACT COLLECTION
AT PUBLIC AUCTION
SAT., AUG. 18, 1990
AT 10 A.M.

Located at the Neffs Fire Co., Neffs, PA. Just north of Allentown, follow 309 north to Schnecksville at "Y" take Route 873 1½ mi. to Neffs. Watch for auction signs.

Approx. 16-1800 pc. collection assembled years ago from a lower Berks Co. orchardist. Includes approx. 33 axes, 1 maul, large pipe, 2 large millstones (nice), 2 stone bowls, 5-10 pestles, var. gorgets-bannerstones- celts- leaf blades. **Points:** approx. 1500- var. jasper & other materials dovetailed spearpoint- drills- 2 jasper knives- leaf blade- 1 Paleo point- large variety bird points. Fragments are not included in the above listing & will be sold by box lot. 1 piece added as a courtesy- Ohio Valley green pipestone effigy pipe.

TERMS: Cash or PA. approved check.
TIM WOTRING- AUCTIONEER- AU1563L
Schnecksville, Pa. 215-799-4843

J. Robert Meyers, AU-000-601-L **Auctioneer**
Smith and Alleman **Clerks**

PUBLIC SALE OF PERSONAL PROPERTY
ANTIQUES
To be held at the Lemaster Community Center, Lemaster, Franklin Co., Pa., 13 miles southwest of Chambersburg, Pa., on:

WEDNESDAY, AUGUST 22, 1990
AT 3:00 P.M.

MISCELLANEOUS— 25 crocks, jugs, most labeled and dated; 25 baskets; 5 quilts; 5 butter churns; 5 sugar buckets; butter bowls; butter prints; butter paddles; stompers; spoons; 3 baby cradles; wooden forks; lanterns; set of iron skillets; milk cans; sets of fireplace tools; fish scales; small milk pail; cast iron teapot; farm toys; pewter; 20 pieces of Armatel; 5 cow bells; set of school bells; sled bells; 2 complete sets of copper pans; copper dippers; brass teapot; 5 milk buckets, 1 spun, 1-1851; ladles; dippers; lamps; etc.; unusual scooter; Woodruff Edwards Co. coffee grinder; saddler's bench; hog scrapers; complete set of milk glass; flow-blue; old bottles; meat platters; complete set of spatterware dishes; glasses; Gone With The Wind lamps; 2 spinning wheels; camel back trunk; 2 school desks; etc.

FURNITURE— 2 pie safes; 2 deacon's benches; dry sink; flour chest; washstand; blanket chest; old chest; fruit cupboard; 2 night stands; 3 chests of drawers; end tables; 2 benches; 4 captain's chairs; chairs; round oak clawfoot table with boards; 2 cherry corner cupboards; cherry jewelry bureau; cherry loveseat; cherry 5-drawer bureau with designs; cherry 5-drawer bureau with split top drawer; outside items; etc.

COINS— TO BE SOLD AT 6:00 P.M.— 10 silver dollars; also 11 silver dollars and pocketwatch.

AUCTIONEER'S NOTE: Doors open at 2:00 p.m. Lunch available. This is a "Good Collection." Collected years ago. There are many items not listed.

TERMS: Cash.

Owners,
RAY AND BETTY MELLOTT

Public Sale
Saturday, August 18, 1990
Time: 9:00 A.M. Sharp!
"Valuable Antiques And Guns"
Location: From the East end of Duncannon, follow Rt.#849 West (2) miles to sale location (watch for sale signs). (Note)! Sale will be held in tent, rain or shine.

"ANTIQUES"

Solid walnut chifforobe from Tennessee (9' high x 5'6" wide); Solid walnut spinet desk; pie cupboard; large spinning wheel; (2) Edison cylinder record players (1- w/horn and stand); approx. (100) cylinders; old victrola; (2) round tables (1- oak, 1- mahogany); Gilt marble top table; twig rocking chair; (4) blanket chests; 2 camel back trunks; (2) cherry drop leaf tables; Middletown cook stove dated 1888; Newville crock by N.H. Zeigler; butter churn; old copper street light w/candle; drop leaf tables; marble top table; brass bed; doughtray; corner cupboard; stands; wagon seat; pony seat; post card album (approx. 516 cards); clocks; hand carved chair; Hitchcock kitchen chairs; (6) Adams caned seat decorated chairs; cherry plank bottom rocker; Windsor type plank bottom chairs; odd kitchen plank chairs; canopy bed; chest of drawers; trunks; desk; work bench; scales used by Kesslers; butter scales; doctor scales; other scales; (2) iron Boston bull dogs; iron pots; cherry seeder; copper coffee pot; copper ice container; candle stick telephone; old willow clothes basket; sad irons; brass bucket; iron griddle; toy cast iron cook stove; lantern; buggy lights; sleigh bells; miniature dry sink; washstand; (3) oak church chairs; farm table; quilting frame; oriental scatter rugs; Planters peanut jar; hearse lights; street lamp shades; iron fireplace pot holder; shoe shine stands w/ horses; marble; ice tongs; record player and records; old books; Charles Lindberg solo flight book; books on the presidents; war hero books; approx. (100) pictures and frames; Betsy Ross making American flag; picture of presidents; boned handle knives and forks; wash bowl and pitcher set; depression glass; nice colored glass; (6) herringbone tumblers; goblets; Royal Ivy water pitcher and tumblers; old plates; wine glasses; opalescent sandwich glass drawer pulls; other sandwich glass drawer pulls; doll crib; crocks; old plates; coal bucket and shovel; door locks; meat grinder; hog scraper; meat hooks; (2) Hbg. telegraph newspaper, dated 1919 in frames; (7) wash rubbers; (3) iron griddles; tin car; tin monkey; other tin toys; jars; bottles; castor sets and many other items not mentioned.

CHANDLER BOOKS AND PERRY COUNTY ITEMS
(Chandler books will be sold at 12:30 P.M.)

(2) Chandler books- Antique Guns and Gunsmiths of Perry County; Antiques of Perry County; Haines original Perry County History; (2) primitive wild life oil paintings by McMillan; railroad bench, ticket and cash drawer from New Germantown R.R. station; Linton Hill school maps in oak case; Linton Hall water dispenser; corner cupboard from Green Park; Chalice from oldest church in New Bloomfield.

"GUNS AND PISTOLS"
(To Be Sold At 1:00 P.M.)

Henry Carlisle flintlock rifle (36 cal., 1824-1826, made in Shippensburg, Pa.); Whitney Enfield state of Mississippi (one of sixty samples made, very rare); Winchester M#1890, 22 cal pump; Harpers Ferry 1808 United States musket; cellar door shotgun (tiger maple); flintlock long rifle (no name); double barrel percussion shotgun w/engraving; Remington 1857 military rifle; United States, Savage 1863 from Middletown Conn.; Burnside breech loading rifle 4th model; Japanese military 8MM semi automatic pistol; Remington new model army revolver in 44 cal; S&W 2nd model #2 army revolver in 32 cal.; 1856 Savage 2nd model Navy revolver in 36 cal. w/figure eight trigger; miss. gun parts.

Terms: Cash, approved checks, or travelers checks only, no out of state checks will be accepted.
I.D. required for bidders number
Not responsible for accidents
Inspection of guns and other items morning of sale.

Owners-
J.T. Basore And
Calvin Dahlin
Phone 582-4158

Ed Shull- Auctioneer
789-4100 #1935-1

Lunch Stand By The Hills United Methodist Church

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI SEPT 7 - 9AM, Annual Fall Machinery Sale, at the Belleville Livestock Mkt, Belleville, PA, Glick, Gibboney, Gilligan, Aucts

FRI SEPT 7 - 6PM Sharp! Guns, Pistols, Hunting & Fishing Tackle, located at Chanceford Twp Community Bldg, off Rt 74 rear of post office, Brogue, PA, Dale E Gladfelter Estate, Gilbert and Gilbert, Aucts

FRI SEPT 7 - 7PM, Horse Sale, New Holland Sales Stables, Inc, New Holland, PA

SAT SEPT 8, Farm House, Farm Equip, Crops, Tools, located 336 Brethren Church Rd, Leola, PA, Lloyd K and Anna M Huber, owners, Paul E Martin and John D Stauffer, Aucts

SAT SEPT 8, Antiques, HH Goods & Tools, 37 E Mohler Church Rd, 1 mi N of Ephrata, Edwin H Gehman, owner, Nevin Martin and Andrew Martin, Aucts

SAT SEPT 8 - 8 30AM, RE, Antiques, HH Goods, Car, Farm Equip, located Rt 2, Box 650 Fredericksburg, Bethel Twp, Lebanon Co, PA, Charles and Herma Merkey, owners, Harry H Bachman, Auct

SAT. SEPT 8 - 9AM, Tools of S J B Construction, Power Tools, Lumber, Hand Tools and More, Main St Rehrersburg, Berks Co, PA, Dwight D Miller, Auct

SAT SEPT 8 - 9AM, Fine Atglen Stone Rancher, Antiques, HH Goods, Car, locatd at 101 E Pine St, Ephrata, Lanc Co, PA, Alverta K Mohler, owner, T Glenn Horst and Sons, Aucts

SAT SEPT 8 - 9 30AM Sharp! Complete Machinnst Shop Equip, located 405 S 3rd St, Oxford Borough, PA, Whiteside Auction Service, Aucts

SAT SEPT 8 - 10AM, Commercial Real Estate & Personal Property, Equipment, located along Rt 322 Honey Brook, Chester Co, Horning Farm Agency, Inc, Agent for Seller

SAT SEPT 8 - 10AM, RE, Antiques, Coins, Classic Car, HH Goods, located 2478-2482 Old Phila Pike, Smoketown, PA, E Lampter Twp, Ira B Longenecker, Jr, owner, Miller and Siegrist, Aucts

SAT SEPT 8 - Horse & Tack Sale Gates Open 12 Noon Tack Sale, 6 PM, Horse Sale, 9 PM, Carlisle Livestock Market Inc, Exit 12 East Off I-81

FRI SEPT 14 - 9AM, Farm Equipment & Supplies Diffenbach's New Holland Auction Center, Ltd, 100 West Jackson St, New Holland, Pa 17557 Diffenbach's Aucts

FRI. SEPT. 14 - 9AM, Full Line of Farm Equip., 4 Tractors, Wagons, Mowers, Discs, Plows, Harrows, Jeep Wagoneer, Pickup, etc, located 5 mi N. of Gettysburg, PA on New Rt. 15 to Rt 394 Hunterstown Exit, thence E. 2/10 mi to sale in Adams Co, Ray M Black, owners, Clair R Slaybaugh, Auct

FRI. SEPT 14 - 10:30AM, Annual Heifer Sale, at the Shady Lane Dairy Sales Stables, Inc, ¼ mi W of Quarryville, off Oak Bottom Rd, Shady Lane Dairy Sales, Inc., Aucts.

SAT SEPT. 15 - 9AM, Atglen Stone Rancher, Antiques, HH Goods, Cadillac Coupe Deville, located just off Golf Rd, overlooking Lebanon Valley Golf Course, Jackson Twp, Leb Co, PA, Ralph C Moyer and Mary A Moyer, owners, T Glenn Horst and Sons, Aucts

SAT SEPT 15 - 9AM, Fraley's Annual Fall Farm Machinery Consignment Sale at our farm 3 mi E of Muncy, PA, Conducted by Fraley Auction Co

PUBLIC CONSIGNMENT SALE

Monday, Sept. 3, 1990
(Labor Day)
9 a.m.

Auction to be held: ½ mi. E. of Pine Grove, PA off of Rte. 895 at Derfler's Marstown Softball Field (sign posted).

Accepting consignments of: Farm Equipment, Tools, Cars, Antiques, Furniture, Etc. Consignments will be received Friday, Aug. 31, 9 a.m.-7 p.m. and Sat., Sept. 1, 9 a.m.-6 p.m.

To have sale items listed in Sale ad, call (717) 345-3359.

All items sold on a commission basis.
Pick up service available for lg. quantities-space under roof available.
Junk will be refused.
Good food on premises.
Tool man with lg. amt. of tools

ROBERT W. DERFLER
Auctioneering Service
AU-2682L
Pine Grove, PA
(717) 345-3359

PUBLIC AUCTION

SATURDAY SEPT. 8, 1990
8:30 A.M.

REAL ESTATE ANTIQUES
HOUSEHOLD GOODS CAR FARM EQUIPMENT

LOCATION: Route 2 Box 650 Fredericksburg, Bethel Twp., Lebanon County, Pa. From Rt. 22 at Fredericksburg - south on Rt. 343 to 1st farm on left - from Lebanon north on Rt. 343 to last farm on right before Rt. 22.

REAL ESTATE

TRACT 1: Appx. 75 acre farm with the following improvements: 2½ story house w/1st floor having a large eat-in kitchen, family, living & utility rooms, enclosed front & rear porches. 2nd floor has 5 bedrooms and full bath. Attic & basement area. Coal hot water baseboard heat. On lot septic system & drilled well. Fenced-in yard.

Large frame bank barn w/2 drive-in bays. 2-car block garage. Block butcher house. Frame corn & machinery storage shed. Smoke house and other asst. frame chicken house. Other particulars include stream through farm - appx. 8 acres pasture/balance tillable. Appx. .4 mile of frontage on Mill Rd.- .2 mile along Rt. 343.

* ZONED - LOW DENSITY RESIDENTIAL *

TRACTS 2 & 3: Appx. 10 acres consisting of 4 parcels along Rt. 22 - ZONED LOW DENSITY RESIDENTIAL.

Real estate to be offered at 12:00. Terms to be 10% down payment w/ balance due at settlement within 60 days. Inspection by calling Del Kohr at 272-5275.

Auction for
CHARLES & HERMA MERKEY

HARRY H. BACHMAN - Auctioneer
AU-000033-L (717) 867-1809
C. V. HENRY - Attorney
(717) 274-3644

PUBLIC AUCTION

SATURDAY, AUGUST 18, 1990
10:00 A.M.
For Stanley Davis
(Former Kimberton Postmaster
96 Yrs. Old)
Hareshill Road, Kimberton, Pa.
(House Located Next To Lake Near Kimberton Country House.)

ANTIQUES, HOUSEHOLD, COINS

Platform Rocker, Rush Bottom Chairs And Stools (Nice), Wicker Flowerstand, Frames, Old Records, Trunks, Bureaus, Desks, Large Beveled Mirror, Twin Beds. **Appliaces:** (Whirlpool) Washer, Dishwasher, Refrigerator, Air Conditioner (Kenmore) Dryer (Electrolux) Vacuum Cleaner, (Zenith) Colored T.V., **Mr. Davis's Hand Made:** Cobbler Benches, Shelves, Etc., Mahogany- Server, Breakfront, Secretary, Step Ladders, Heavy Duty Ping-Pong Tables, Airless Sprayer, Bicycle Exerciser, And Many More Items. **Coins:** Wheat Pennies, Mint And Proof Sets, Rolls Of Minted Silver Dimes, Silver Half Dollars And Dollars, Uncirculated Coins.

By Order Of:
STANLEY DAVIS
Michael Jogan Jr., Auctioneer
AU000460L
Phone 933-7507 827-7608
J. William MacCauley Apprentice
AA001889L

Public Sale

Real Estate, Antiques, Oak Furniture, H.H. Goods, Tools, 76 Olds Delta 88, 4D. V8 64,000 Miles
Saturday, August 18, 1990
8:30 A.M.
Location: Along Hill Rd. Turnpike Or Falmouth Rd. To Hess Rd. 4 Miles W. Of Elizabethtown, Pa. Or Off Route 441 E. At Falmouth, Lancaster Co.

68 Acre Farm
More Or Less

50 Acres Tillable, 18 Acres Of Meadow & Woodland, Frame Bank Barn w/1 Stone Front, Attached Garage.

2½ Story Brick House

Kitchen, Dining Room, Double Living Room, Laundry Room, 4 Bedrooms, 3 Bathrooms, Kitchen In Basement, Oil Furnace w/Baseboards, Screen-In Porch, Storm Windows & Doors, Water Supply Fed From Spring, Stream Through Farm, Good Roofs, Road Frontage, Conewago Creek Joints Farm, To Inspect This Property Call 717-367-2928 Or 717-653-5689. Oak China Closet, Oak Hall Rack, Round Oak Ext. & Square Tables w/Claw Feet, Sideboards, Wooden Cupboard, Corner Cupboard, Oak Wash Stand, Bureau Chest Of Drawers, Baby Cradle, Oak Rockers, Plank & Cane Chairs, Victrola, Sm. Tables, Wood Box, Love Seat, High Chair, Candy Case, Kitchen Cabinet, Radios, Sewing Machine, Shelf Clock, Coaloil Lamps, Wooden Shaken Fork, Sausage Stuffers, Grinder, Iron & Tin Items, Butter Churn, Baskets, Pressed & Colored Glassware, China, Dishes, Iron Tea Kettle & Others, Wooden Tub, Copper Items, Guardian Cookware, Porch Furniture & Swings, Silverware Set, All Appliances Are Frigidaire Ref., Auto Washer & Dryer, Elect. Stove Portable Dish Washer, Air Conditioner, Deep Freeze, Portable Colored T.V., 3-12 Ga. Shot Guns, Coal & Wood Cookstove, Marlin M82 22 Rifle, Tools, Roto-Tiller, Riding Tractor, Motor Scooter, And Many Items Too Numerous To Mention.

Real Estate To Be Offered At 11:00 A.M., 10% Down Day Of Sale.
Tools Sold First, Car At 10:45.

Leota Hill Miley Estate

Alfred C. Alspach Atty.
Harold (Abe) Shaffner Auct.
829-L
717-653-5689

Food Stand

Short Notice Auction

Country Farmette 7 Acres +
Thurs. Eve., Aug. 23, 1990
6:30 P.M.

On The Premises Across From The Project, Approx. 1 Mile East Of Kleinfeltersville, Leb. Co., Along 897.

2½ Story Frame Dwelling w/Vinyl Siding, Replacement Windows, Oil Fired Baseboard Heat Having 3 Rooms & Bath On First Floor, 3 Rooms On Second Floor. There Is A Barn w/Sandstone Foundation Approx. 28x36' (Needs Major Repairs). There Is A Spring In Center Of Property.

For More Information & Inspection Call 949-3309 For Appointment.

Owners
Rodger L. & Holly K. Diehl

Auct. G. Harvey Welk

ESTATE AUCTION

SAT., AUGUST 18
at 9:00 A.M.

Village Of ROUGH & READY, Western Schuylkill County, PA, 4 Mi. East Of Klingerstown; 6 Mi. West Of Pitman; From I-81 Take Exit 34 Unto Rt. 25 West To Hegins And Take Rt. 125 North, Cross Mahantongo Mt. Go To First Stop Sign & Jack's Spot Cafe, Turn Left Go About 3 Miles To First Bridge, Turn Left, Continue 1/2 Mile To Sale (Watch For Auction Sign Along Klingerstown To Pitman Road).

38 ACRE FARM

Approx. 24 Acres Tillable, Balance Wooded & Pasture. FRONTAGE On MAHANTONGO CREEK, A Trout Stocked Stream, And FRONTAGE On Paved Road. 8-ROOM DWELLING; BANK-TYPE BARN.

11 ACRES MOUNTAINLAND

On North Side Of MAHANTONGO MT., FRONTAGE On Both Sides Of The Rough & Ready To Sacramento Road.

FOR INSPECTION OF REAL ESTATE CALL: 717-425-2569.

ANTIQUES • COLLECTIBLES COINS

2-Pc. Oak Bedroom Suite w/High Bed; Oak Washstand & High Bed; 2-Pc. Depression Era Bedroom Suite; Rope Bed; SIDEBOARD w/TRAMP ART TRIM; Empire Chest Of Drawers; Jelly Cupboard w/Raised Panels, Original Graining; (2) BLANKET CHESTS, One Dovetailed; Dropleaf Table, (2) Extension Tables, Rockers & High Back Chairs In OAK; Plank Seat Chairs; (3) DRY SINKS, Two w/ Cupboard Tops; Kalamazoo & Wincroft Kitchen Stoves Both With Warming Closets; Parlor Stove w/Chrome; Pot Belly Stove; Oak Sideboard; MARBLE TOP STAND; Oak Claw Foot Stand; Columbia Grafonola; (2) GRIST MILL STONES; Butcher Kettle; Baskets; Picture Frames; Reverse Painting Of Statue Of Liberty; Quilts; Comforters; Strip Carpet; DISHES including: Late Adams, Ironstone China, Carnival & Depression Glass, Etc.; 3-Prong Forks; Graniteware; Adv. Tins; Lot POSTCARDS; Early Catalogs & Magazines; Lot CALENDARS, Etc.; Kerosene Lamps; Swirl & Clay Marbles; Doll Carriages; Child's Chairs & Rockers; Tin Santa Toy; Nice German Scissors Sharpener Toy, Working Condition; Rocking Horse w/Wicker Seat; Misc. Jewelry; COINS Including: Silver Dollars, Silver Halves, Quarters & Dimes, Etc.

OTHER PERSONAL PROPERTY Including: Chest Freezer; 30" Electric Range; Garden Tools; Grass Seeder; Side Delivery Rake; Seed Cleaner w/ Motor; Etc.

ESTATE OF
MAE H. ERDMAN
Lila M. Helm, Executrix

Lunch Available

JOHN T. PFEIFFER, III, ESQ.
PFEIFFER, BROWN & BRENNAN

DEIBERT MIKE, AUCTIONEER AU1599-L GEORGE, REALTOR & AUCTIONEER AU209-L

PUBLIC AUCTION

PRIME COMMERCIAL PROPERTY

MON., AUG. 13, 1990

AUCTION TIME: 11:00 A.M.

LOCATED at intersection of Route 272, Route 222 & Route 568, Adamstown, Berks County, PA.

ONE STORY MASONRY BUILDING
COMPLETELY REMODELED IN THE PAST 2 YEARS

3900 Gross Sq. Ft. — 3380 Rentable Sq. Ft.
Plus Basement Area
200 Amp Service - 4 Electric Meters - 6 Meter Bases
Rest Rooms - Oil Heat - Septic System
Well Water - Sewer Approx. 500 Ft. From Property Line

1 PLUS ACRE - ZONED HIGHWAY COMMERCIAL

NOTE: A PRIME LOCATION. 8 miles south of Reading, 20 miles North of Lancaster; NEAR EXIT 21 of PA TURNPIKE. Intersecting on three major highways in the heart of the Flea Market Strip, with an approx. traffic count of 17,000, this property is ideal for various uses.

FOR MORE INFORMATION, APPOINTMENT FOR SHOWING, OR ASSISTANCE TO OBTAIN FINANCING on this fine property, call Paul E. Martin, Auct. at 717-733-3511.

GARY G. KRAFFT, ATTY.

AUCTION BY:

D&J ENTERPRISES

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Manheim, PA 665-5099

PUBLIC AUCTION

OF

FARMHOUSE WITH 4 ACRES

THURSDAY, AUGUST 23

@ 7:00 P.M.

Dir: From Morgantown take Rt. 10N approx. 1.5 miles, right onto Joanna Rd., go .2 mile to property on left. Caernarvon Twp., Berks Co.

REAL ESTATE consists of 2½ story frame farmhouse. 1st flr. has LR, DR, eat-in kit., ½ bath, laundry/utility room, enclosed back porch & wraparound front porch. 2nd flr. has 4 BR's & full bath. Attic; full basement; oil hot water heat; shingle roof & vinyl siding both 5 yrs. old.

OUTBUILDINGS: 14x22 smokehouse, new vinyl siding & roof, stone walk-in fireplace; 24x40 Quonset hut, tin roof, workshop area w/wood stove; also a small chicken house.

REMARKS: Farmhouse has been nicely redecorated and in very good condition. 4.09 acres w/ stream, partially wooded, lg. garden area, picnic grove w/mature shade trees, quiet country setting, minutes from turnpike exit.

TERMS: 10% day of sale; settlement on or before October 23, 1990.

Terms By:
DANIEL & DEBORAH McCALICHER

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. SEPT. 15 - 10AM, Farm Equipment, Antiques & Collectibles, locatd 2 mi SE of Rebuck, Northumberland Co, PA, Marlin J Rothermel and Joan A Rothermel, owners, Mike and Geo Deibert, Aucts.

SAT. SEPT. 15 - 10AM, Sunny Acres Farm, Vegetable and U-Pick Farm Equip., 4 Tractors, Trucks, Veg Eq, 8 Wagons, Plus More, located on Jonathon Holmes Rd., 2 mi E of Rt 539, 7½ S. of Allentown, NJ, Col. Fred R. Daniel Auctioneers, Inc, Aucts.

SAT. SEPT. 15 - 10AM, RE, Antiques, HH Goods, Guns and Tools, located 85 Weidmansville Rd, Ephrata, PA, Ivan G. and Fannie E Martin, owners, Miller Siegrist, Aucts

SAT. SEPT 15 - 10AM, 2½ story, 3 BR House, located at West End of Blue Ball, East Earl Twp, Lanc. Co, PA, Estate of Ivan M Martin, Elton Horning Farm Agency, Auct

SAT. SEPT. 15 - 10 30AM, 7 Building Lots with Public Water & Sewage, located at West End of Blue Ball, East Earl Twp., Lanc. Co, PA, Estate of Ivan M Martin, Elton Horning Farm Agency, Aucts

MON. SEPT. 17 - RE, Antiques, Personal Property, located at RD 5, Red Lion, PA in Adamsville, Carl E Stiles Estate, Gilbert and Gilbert, Aucts

MON SEPT 17 - 10AM, Farm Tractors, Equipment, Lawn and Mowing Tractors, Boats, Trailers & Outboard Motors, Tools & Misc, Furn & Antiques, located on St Augustine Rd., 3 mi W of Rt 213 S of Chesapeake City, MD, 4 mi E of Rt 896, north of Middletown, DE, W Burton Wilson, owner, Harry Rudnick & Sons, Inc, Aucts

WED SEPT 19 - 6PM, Winchester Gun Collection, held at Brickerville Fire Hall, located just off Rt 322, along Hopeland Rd, approx 8 mi W of Ephrata, Brickerville, PA, R B Finkenbiner, owner, T Glenn Horst and Sons, Aucts

OUTSTANDING PUBLIC SALE

The Attick's 125 Year Homestead
Valuable Antiques -
Collectables - Tin - Pottery
Glassware - Furniture

Saturday, August 18, 1990

Time: 8:30 A.M. Sharp

Located at 1708 Main St. Lisburn, Pa. If traveling on Rt. 15 use the Bowmansdale Exit take Rt. 114 east follow Rt. 114 east for approx. 5 miles to sale, or traveling on I-83 use Exit 18 take Rt. 114 west follow Rt. 114 west to sale. NOTE plenty of parking on Lisburn Fire Co. field off of Brenda Ave. at rear of sale property.

Antiques - Furniture - Collectables

2 pc. Walnut corner cupboard 80" high w/turned columns on sides, spoon cut outs, bracket feet, altered glass doors on top w/blind doors on bottom w/org. door latches; 2 drawers over 2 door jelly cupboard; 5 leg oval ext. table possibly Chestnut; nice York safe; Walnut 5 leg oval drop leaf ext. table; early walnut Victorian bed w/double oval panel head board w/crown top; Walnut Victorian style mirror frame; 4 leg drop leaf table; drop leaf table w/drawer; nice Oak S roll-top desk 44" wide, w/orig. lock; 2 dovetailed blanket chests w/turned feet, 1 w/till; sm. blanket chest; chest of drawers w/4 graduated dovetail drawer & panel ends; 3 pc. cottage bedroom suite; old spool bed; painted Cheval dresser; pine cottage wash stand & chest of drawers; painted wash stand w/towel rack; 3 pc. Victorian parlor suite; 5 Victorian side chairs; plank bottom high chair; 3 boot jack back plank bottom chairs; odd plank bottom chairs; set of 6 Oak high back, cane bottom Haywood & Merrill Co. kitchen chairs w/orig. labels; ladder back shaker style chair; 2 spindle back cane bottom chairs; oak rocker; child's oak rocking chair; old high chair on wheels; odd chairs & rockers; sm. rocking chair; Victorian square stand; bow leg stand; square stand w/ball & claw feet; several old plant stands; home made slant lid desk; oak stand w/drawer; open back wall cupboard w/5 shelves; 2 reed rockers; oak piano bench; hat rack; 1914 child's size working Singer sewing machine #20, like new in org. box; 2 treadle sewing machines; camel back trunk; quilt rack; mortised foot stool; meat bench; wooden tub to washing machine; wall mirrors; fancy floor lamp; Majestic coal & wood stove; apartment size refrigerator; R.C.A. portable color T.V.; M Beatty & Son Chester broad axe; ladles; dippers; wooden butter bowl, keg & barrel; iron chick feeder; pottery chick waterer; Welch mantel clock; H.P. Hawthorn, Pa. blue letters pickle crock; Redware crocks; qt. & up crocks; brown & white jug; sm. Owens pottery vase; plus other old vases; sm. decorated Toleware pitcher Cowden & Wilcox stoneware jar; Ironstone plates; pink glass swan; pink & green depression pieces; cake stand; blue shallow dish; old porcelain dishes, some marked Germany; old hat pins; sheet music; Bakers Cocoa can; assorted flatware; market basket; sm. W. Nutting picture; early canvas painting "Cottage on Mountain Side" in a 17"x14" frame; plated vinegar caster; creamers; old Steam & Engineering books; brass base keorsene light; kerosene light brackets single & double; early decorated tin finger lamp; pewter top w/bird decoration syrup pitcher; old tin spice set; mush paddle; gray granite pan w/lid; old cooking utensils; Brownwell flour sifter; J.H. Troup Harrisburg, Pa. spatula; slaw cutter; tin wash boiler; croquet set; sad & flat irons; canning jars, some w/dates; braided rugs; used quilts; quilt tops & patches; buggy robe; lap cover; old child Christening gown & bonnet; ladies vintage clothing; green powder jar; tin dough bowl w/ lid; odd wash bowl sets; wooden & metal pulleys; GE wooden case radio; cookie cutter; some hand tools; plus items too numerous to mention.

Auctioneer Note: No sale in this house in the past 125 yrs. Fine pieces of furniture & collectables. Please note starting at 8:30 A.M. sharp w/ antiques & collectables. Bring lawn chairs. Plan to attend. No preview until morning of sale. This is only partial listing.

Terms of Sale: Cash, all personal checks must be accompanied by current letter of credition from bank.

Refreshments by Lisburn Fire Co.
Not responsible for accidents.

***RUTH ATTICKS,* Owner**
Lee Fishel, P.O.A.
Little IKE Eichelberger Auctioneer
Pa. Lic. #AU001954-L
Phone Lewisberry 717-938-6322
Now booking fall & spring sales
Call for available dates

Auction Notice

Thunder Mountain Ranch
Beef Herd Dispersal

Monday, Aug. 13
6:00 P.M.
Valley Stockyards
Rt. US 220 & Pa. 199
Athens, Pa.

Last weeks ad read Simmental cross and should have been Limousin and bred to Limousin.

Jerry Pirrung Sales
Ulysses, Pa. 16948
814-848-7401

ABSOLUTE AUCTION

LATE MODEL CONSTRUCTION EQUIPMENT & TRUCKS

SATURDAY, AUGUST 25, 1990

AT 10:30 AM SHARP
CLARK'S EXCAVATING & GRADING, INC.
WINCHESTER, VA AREA

***NOTE:* Due to health reasons Clark Neff has decided to discontinue the excavating business and sell the following equipment & trucks located at Rt. 644, Winchester, Virginia. From Rt. 81 at Winchester, Virginia take Rt. 50 east approx. 5½ miles to Rt. 644, turn left, yard is located on left.**

EQUIPMENT

1989 CAT 953 track loader with G.P. bucket with teeth, cab with air & heat, clearing package, 1,157 hours, remaining 3 Plus warranty, SN: 20202960; CAT D3B dozer with OROP's, 6 way blade, bolt on sprockets, new unc., 2,108 hours, SN: 27Y03706; CAT 12G motor grader with 14' hyd. side shift moldboard with tip, scarifier, with enclosed cab, excellent condition, SN: 61M1526; 1989 CASE 580K 4x4 loader backhoe with enclosed cab, extendahoe, G.P. bucket, also 36", 24" & 18" digging buckets, 430 hours.

DUMP TRUCKS, ROAD TRACTOR & TRAILERS

1988 FREIGHTLINER T/A dump with 300 Big Cam Cummins engine, 8 speed low hole trans, A/C, air gate, 16' steel body, 38 rears, 60,000 orig. miles; 1987 GMC Brigadier T/A dump with 270 Cummins engine, 8 speed low hole trans, 16' steel body, 38 rears, A/C, 64,000 orig. miles; 1986 Ford F350 S/A 4x4 dump with diesel engine, 4 speed trans., with 8' Myers snow plow, 42,000 orig. miles; 1978 MACK T/A road tractor with 300+ engine, 6 speed low hole trans, Jake brake, wet line, P/S, 44 rears, 1990 EAGER BEAVER Model 20 HAL trailer with air brakes; 1986 FRUEHAUF detachable T/A equipment trailer, excellent condition.

SPECIALTY TRUCKS

1986 FORD F350 explosive truck with 12' flatbed with diesel engine, set up with Gardner Denver D-190 compressor with Perkins diesel, 700 hours & D.O.T. & Federal approved explosive boxes, 13,000 orig. miles; 1986 Ford F350 4x4 service truck with Reading body equipped with Miller welder, 18 h.p. compressor, 4 speed trans, diesel engine, 43,000 orig. miles.

PICKUP & BRONCO

1988 FORD Bronco XLT 4x4 with auto trans., fully loaded, 61,000 orig. miles; 1986 FORD F250 pickup with diesel engine, 4 speed trans., 48,000 orig. miles.

MISCELLANEOUS TOOLS & EQUIPMENT

14x24 grader tire; 10:00x20 truck tires; 17.5Lx24 backhoe tire; misc. truck trans, hand tools, road signs, chains; 500 & 300 gallon fuel tanks on skids; HOMELITE cut off saw; (9) 12"x20' & (2) 12"x24' culvert pipes; 8x12 storage shed - wired; numerous smaller items & office equipment; (10) MOTOROLA mobile units, (2) base units, (1) hand held portable unit, 2 years old.

NOTE: All of this equipment & trucks belong to Clark Neff and is in excellent condition and job ready. All service records are available. Each piece sells absolute with no minimums or reserves.

TERMS: COMPLETE PAYMENT SALE DAY. Payment for all items must be made in full on sale day with Cash, Cashier's Checks. Personal or Company Checks accepted when accompanied by a Valid Bank Letter of Guaranteed Payment. Items sold "As-Is, Where-Is" with no warranties expressed or implied. Immediate removal. Not responsible for accidents.

Clark's Excavating & Grading, Inc.
Paris, Virginia
(703) 592-3950

Randy Ruby
Office (301) 663-8644
Home (301) 271-2321

Wolfe 301/663-8644
Industrial Auctions, Inc.
15 North Court Street Frederick, Maryland 21701

THANK YOU FOR ATTENDING THIS AUCTION

VA A.F. #128

"Please Clip!"

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED SEPT 19 - 8 30AM, General Construction Equip , Office Equip., Trucks, Compressors, Welders, located 200 S Sumner St , West York, PA, I Reindollar and Son, Inc , owners, Blaine and Nevin Rentzel, Aucts

THURS SEPT. 20 - 3PM, RE, Antiques, HH Goods, located at 1610 Grestone Rd , E Petersburg, Lanc Co , PA, Cora I Parmer Estate, T Glenn Horst and Sons, Aucts

THURS. SEPT. 20 - 6 30PM, Collection of (20) 1st of State Signed & Numbered Duck Prints & Stamps, Decoys, Hunting & Fishing Items, located Red-Men Pavallion, Rt 472/Market St., Oxford, PA, Whiteside Auction Service, Auct

FRI. SEPT 21 - 7PM Disaster Relief Heifer Auction at Lebanon Fairgrounds, Lebanon, PA. Clair Kreider, Manager.

SAT SEPT. 22, Cons Auction- 2 Cyl. Tractors & Parts, at Rough and Tumble Museum, Kinzer, PA, Paul E Martin and John D Stauffer, Aucts , Larry Nead & John Lauver, Mgrs.

SAT. SEPT. 22 - 9AM, Tools, HH Goods, Antiques, A Lot of Dishes, located 2 mi. E. of Intercourse, PA, Amos M. and Lydia Lapp, owners, Steve and Steve, Jr Petersheim, Aucts

SAT. SEPT 22 - 10AM, Fall Heifer Sale, New Holland Sales Stables, Inc , New Holland, PA.

Dairy and Livestock Sales

LEBANON COUNTY SALE

Friday Eve., August 24, 1990

7:00 P.M.

Lebanon Area Fairgrounds, Lebanon, PA
2 Miles South Of Lebanon On The Corner Of Cornwall & Evergreen Rd.

60 REGISTERED HOLSTEINS

16 Recently fresh 2 & 3 yr. olds, 36 Bred Heifers, 7 open heifers and calves, 1 choice of flush due this fall. Interstate Tested, Most Vac., Preg. Exam., Vac. for shipping fever.

Popular Sires

Mark- 3, Cleitus- 3, Steady- 3, Royalty- 2, Sammy- 2, Blackstar, Beautician, Tony, Trifecta, Spirit, Mandingo, Melvin, Pete Tidy, Bell Troy, Secret, Gambler.

High Record Dams

4 from Dams over 1000 fat, 8 dams over 25,000 milk, 12 from VG or EX Dams.

Watch next week's issue for more details.

Sale Sponsored By

Lebanon County Holstein Club

Gary Lentz, Sale Chairman
Harry H. Bachman, Auctioneer
AU-000033-L 717-867-1809

For catalogs contact:
Dale L. Hoover, Pedigrees
517 Horseshoe Pike, Lebanon, PA 17042
717-867-2489

DAIRY COW SALE

FRIDAY EVENING, AUGUST 24, 1990

7:30 P.M.

Located at Kling's Sale Barn, 15 miles north of Carlisle on Route 74, 2½ miles Northeast of Landisburg, Perry Co., Pa.

Selling... 20 Good Young Cows Picked From 1 Herd In Cortland Co., N.Y. Several just fresh, 8 close springers and a few bred for fall.

Also... Marlin Miller's Complete Dairy from Millersburg, Dauphin Co. Only 15 Head, but they are the Good, Good Cattle (55 lbs. Average with 4.0%) Several recently fresh; some springing, others in different stages.

Plus... 25 Recently fresh or close springing Cows & 1st-Calf Heifers from Canada and Northern Pa. (Mostly Registered)

Featuring... An Inspiration 1st-Calf Heifer selling just fresh from an 88 pt. Dam with 23,000m; 3 VG and EX Dams behind her.

A Milu Bookie just fresh with 2nd calf; 86 pt. Dam by Warden w/23,000m; 2nd Dam 88 pts. by Conductor with right at 29,000m; 3rd Dam VG-88; 4th Dam EX-90 & 5th Dam EX-91.

A 60" 3 yr. old Starbuck (She should go EX.) due about sale time: VG Dam by Majesty with over 17,000 of 4.20%; Starbuck herself made 13,000 of 3.80% with 3.90 Protein as a 2 yr. old. **"This is a Big-Time Show Prospect!"**

Other top Purebreds sell sired by Majesty, Warden, He-Man, Marlin and other Top Canadian Sires.

Plus... 20 Head of Fancy Grade & Reg. Springing 1st-Calf Heifers. Mostly Vaccinated - due for September, October & November.

Sale Managed By...
KLING'S AUCTIONS, INC.
R.D. #1, Box 66
Landisburg, Pa. Lic. #500
717 789-3883 (Office)

KLING'S AUCTION SERVICE

VEHICLES- FARM EQUIPMENT- TRUCKS- CONSTRUCTION EQUIPMENT

CONSIGNMENT AUCTION SALE

Saturday, August 18, 1990

Beginning At 10:00 A.M.
U.S. Rt. 50 And Woodyard Road
Willards, MD.

Call 301/546-2425 To Consign Your Vehicles Or Equipment.

1985 Cat D6-D all hydraulic dozer w/rake, straight blade, hydro tilt, pin & bushing, 75%, very good condition, SN 04X09358, 4000 hrs., new paint.
1988 Ford F-Super Duty truck w/utility body, 225 AMP Lincoln welder, NAPA compressor, GRACO grease gun and 1000 gal. electric fuel tank, 5900 miles, EXCELLENT CONDITION.
1973 AC 100C Motor grader, SN 27Y08041, 4 new tires on rear, 1 on the front, good condition.
1973 Rogers 3 axle lowboy trailer, wet line, 18' front deck, detachable goose neck, I beam sides, MD Inspected.

VEHICLES:

1988 Hyundai Excel, GLS 2 door hatchback, 4 cyl, 4 sp, PB, PS, AM/FM Stereo, AC, 39,650 miles, as is.
1985 Dodge Caravan, 4 cyl, Auto, PB, PS, AC, AM/FM Radio, 86,630 miles, as is.
1988 Chevrolet Cavalier, 4 door, 4 cyl, auto, PB, PS, AC, AM/FM Stereo, 29,850 miles, as is.
1988 Nissan King cab, 4x4, AM/FM Cassette, MD INSPECTED, new tires.
1987 Dodge Aires.
1980 Chevrolet Passenger Buses (2).
1977 Chevrolet Passenger Bus.

FARM EQUIPMENT:

International 1460 Combine, 1500 hrs., 820 16-1/2' flex heads, very good condition.
Case 930 Diesel w/cab, 85 HP, clean.
Massey Ferguson 285 Diesel, 80 HP, rough.
Farmall 706 w/cab, 72 HP clean.
Massey Ferguson 1080 Diesel, row crop, 80 HP.
Ford CL 30 skid steer loader.
International Model 3300 skid steer loader (442 orig. hours).
Massey Ferguson 4 row rigid shank cultivator.
Taylor-Way Model 481 disk 19' all hyd. w/float board (like new).
Kewanee disk harrow 12'- 44 blades.
Pittsburg disk harrow, 44 blades.
Midland Model 10 hyd fold disk harrow, 52 blades, 20' w/float board, very good condition.
Ford 2-row 3 pt. hitch cultivator.
New Idea Model 207 Manure Spreader (200 bu.).
New Idea Model 213 Manure Spreader (180 bu.).
New Idea Model 214 Manure Spreader (200 bu.).

CONSIGNMENT SALE:

Massey Ferguson 15 grinder/mixer (good condition).
Lily Broadcaster Model L8000T (4,000 lb.).
Long Model 1199 Backhoe, 3 pt. hitch w/18" bucket.
Webster trailer fertilizer broadcaster.
3 axle trailer.
Massey Ferguson 202 Tractor w/loader.
8N Ford Tractor.
T030 Ferguson Tractor.
John Deere 2030 Tractor.
Case 1070 Tractor.
John Deere 444 4-row corn head.
John Deere 660 manure spreader.
New 10T wagon w/300 bu. funnel body.
4 wheel wagon w/funnel body.
Owens goose neck trailer.
653 John Deere row crop header, 6 row, 30".
Lot of slim line water troughs, porcelain and stainless, some new.
John Deere 6-row 7000 planter w/fertilizer.
30' Tandem axle hay wagon.
New Holland 510 Manure Spreader.

MISC. EQUIPMENT:

5 ton trailers; 9 ton trailers; Finishing mowers; Rotary mowers; Southern States riding mower, 38" cut, 12 HP.

BOATS:

16' Scow, Chrysler engine with Long trailer.

TOOLS: (To be sold at 10 AM).

All tools are Ingersol Rand. Dealer has gone out of business and will sell remaining inventory regardless of the price!

Air Tools And Attachments- angle grinders, grinders, die grinders, angle sanders, vertical sanders, drills, air trimmers, impactools, screwdriver, jet chisel, **IR Electric Tools-** screwdrivers, drills, circular saws, polishers, impactools; **IR wood bits; Hammer drill bits.**

Terms- Personal Property: Cash on day of sale. Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local bank. All others must be accompanied by a current letter of credit.

PETE RICHARDSON AUCTION SALES
P O Box 51 Willards, MD 21874
Office - 301/546-2425

Belleville Livestock Market

Wednesday, Aug. 15, 1990

1:30 P.M.

Complete Herd Dispersal- 88 Head
Also 1 Load Of Canadian-
Fresh & Springing

Selling from Western Pennsylvania, 64 cows, 1 bull including 15 recently fresh, 9 dry or springing the rest in all stages.
23 heifers- 11 yearlings- 12 from 6 months down.
Average milk on cows 58 lbs. per day per cow. 4.0% test on herd.
Most of these cows could be registered but papers were not kept.
Pregnancy checked and health charts
Canadians selling include: 2 yr. old Astro Jet already 82 points in Canada- just fresh; 4 yr. old Browndale complete with over 20,000 lbs. as a 3 yr. old; A Ron Clipper daughter with 2 year record 16,000 lbs. milk - 4% test due sale time to Hanover Hill Logic plus a 2nd calf Astro Jet due- 2 weeks.
These are young cows with a lot of potential.

For more information call:
Gene Glick 717-667-2703

AUCTION SALE

DOORS, MOLDING, INSULATION, SKYLIGHTS
BEDDING, UPHOLSTERED FURNITURE, CARPET
PLUMBING, HEATING, AIR CONDITIONERS
PICK-UP TRUCKS, COMPRESSORS, FORKLIFT

TUESDAY, AUGUST 14 - 10 A.M.
ON PREMISES
1825 E. BOSTON AVE., PHILA., PA.

SALE FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS COMPRISING IN PART:

DOORS, MOLDINGS, INSULATION, SKYLIGHTS

1000 Doors, Pre-Hung Steel Insulated & Wood Entrance, Solid & Hollow Flush, Asst. 1 to 12 Lite, Colonial, French, Panel, Louver, Sunburst, Glamore, Store, Etc., 25,000 L.F. Asst. Wood Molding - Colonial & Clamshell Casing, Stop, Cove, Crown, Rail, Ranch, Lattice, Cap, Closet Rod, Picture Frame, 1/4 Round, 6 & 8" Base, Hand Rail, Etc., Bay & Bow Windows, Sky Lights, Vertical Blinds, Door Locks & Handles, Acoustical Ceiling Spray, Morgan Mullions & Entrance Heads, Shelf Standards, 1 1/8" Blued Plasterboard Nails, Cuprinol Stain & Wood Preservative, 2 & 3" PVC Tubing, Quantity of Roll & Batt Insulation R-11 to R-19, Steel Rain Spout.

PLUMBING & HEATING SUPPLIES, AIR CONDITIONERS

20 - 24,000 BTU Air Conditioners, 12 C.I. Am. Std. Bath Tubs, 3 Whirlpool Tubs, Stall Showers & Modules, Tub Wall Kits, Toilet Tanks, Sinks, Faucets, Valves, Add-A-Shower, Towel Bars, Soap Dishes, Shower Rods, Janitrol 85,000 BTU Oil Fired Furnace, Propane Heater, Gas Logs, Alcohol Heaters, Heat Exchangers, Electric Radiators, Blower Units, Registers, Flexible Duct, Smoke Pipe, Chimney Walls & Tops, Air Cleaners & Filters, Fireplace Units & Glass Firescreens, Wisk Brooms, Submersible - Well & Circulating Pumps, Hanging & Wall Mounted Light Fixtures, Hi-Hat Spotlights, Wall Switch Plates, Expansion Tanks, Wall Paper, Laundry Tubs, B.B.Q. Grill.

BEDDING, UPHOLSTERED FURNITURE

Major Distributors Stock of Name Brand Bedding, Upholstered Sectionals, Sofas, Chairs & Love Seats - 250 Mattresses & Box Springs, Singles, Doubles, Queens & King Sizes, 175 Units 3 to 5 Pc. Sectional Sofa Ensembles, 3 Pc. Living Room Units, Also Sofas, Chairs & Love Seats, Asst Bedroom Dressers, Chests, Beds, Night Stands & Mirrors, Etc All Name Brand Merchandise, Asst. Styles & Fabrics.

CARPET, FURNITURE, RESTAURANT EQUIPMENT

1,850 Yds. Broadloom & Commercial Carpet in Full & Part Rolls, Microwave Oven, 6 Refrigerators, 2 Washer/Dryer Combo Units, Cuno Cabinets, Lamps, China Cabinets, Dining Room Tables & Chairs, Entertainment Centers, Student Desks, 13 Pc. Oak Kitchen Cabinet Sets, Asst. Wood Cabinets, Office Furniture - Desks, Chairs, Conference Tables, Counters, File Cabinets, Folding Chairs, Copiers, Computers, IBM Typewriters, Booths, Tables, Bar Stools, Dining & Swivel Chairs, Hanging Brass Light Fixtures, Brass Rails & Dividers.

TRUSTEE SALE IN BANKRUPTCY CASE NO. 89-07412/RG
TRUSTEE SALE IN BANKRUPTCY CASE NO. 89-10403/JHW - PURDY CONSTRUCTION CO. INC.

2 - 1985 & 1984 FORD F150 PICK-UP TRUCKS, 1 - 1982 GMC VANDURA 2500 VAN

COMPRESSORS, WELDERS, FORKLIFT

Ridged 300 Pipe Threader & Cutter, B & D Radial Arm Saw, 3 H.P. Denver Air Compressor, 5 H.P. Worthington Air Compressor, Craftsman 12 V Arc Welder, Marquette Arc Welder Battery Chargers 6/12V, Yale 2500 Lb. Propane Forklift, Electro Magic Steam Jenny.

INSPECTION: MONDAY, AUGUST 13 - 9 A.M. to 4 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY Auctioneers
WM F COMLY & SON, INC

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

ANNUAL FALL AUCTION

FARM EQUIPMENT & RELATED ITEMS

by

Lebanon Valley Auction Co., Inc.
License #RY-000014-L

SEPTEMBER 10, 1990
To Be Held At The
Lebanon Area Fairgrounds
Lebanon, PA

CONSIGNMENTS WELCOME
All items must sell to the highest bidder regardless of price.
Trucking Available

For Information Contact:

Dennis Grumbine 717-272-4641
Harry Bachman 717-867-1809
David Wenger 717-866-2135
Glenn Wenger 717-866-2130

CONSIGNMENT SALE

OF FEEDER PIGS & FEEDER CATTLE

FRIDAY, AUGUST 17, 1990
at 6:30 P.M. Sharp
Held at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA.

Early consignments accepted
Bring a load - buy a load

Owners,
DON & WALT KEISTER

For information call
717-837-2222, 717-966-2856
or 717-523-0360
Terms: Cash
Auctioneers:
Bryan Imes & Ray Long
Restaurant Open

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. SEPT. 22 - 10AM, 96 Acre Dairy Farm, from Rt. 23 at East End of New Holland follow Ranck Rd. S.

PUBLIC AUCTION

SAT., AUGUST 18, 1990
9:30 A.M.
10 MILES SOUTH OF HUNTINGDON, PA off Route 26, West 2 miles

HOUSEHOLD GOODS ANTIQUES:

2 pc. living room suite - chest type freezer - upright freezer - bed w/bookcase headboard - dry sink - oak chest of drawers - other dressers - G.E. dishwasher - dough tray - oak library table - oak office desk - cedar chest - child's kitchen cabinet - gas stove - blanket chest - organ stool - oak buffet - high cupboard - sewing cabinet - show case - accordion - treadle sewing machine - rocking chairs - swivel desk chair - bar cabinet - barrel churn - dishes - pots and pans - trunks - gas irons - Avon bottles - child's wicker cart - wood burner - potbelly stove - slaw cutter - railway cabin car stove - other items.

STEAM ENGINE, offered at 12:00 Noon: 1916 Huber steam traction engine, 16 h.p. w/ National Board stamp.

TRACTORS, TOOLS: Farmall cub tractor w/plow, mower and blade - Farmall F-12 w/steel wheels - Grampage rototiller - heavy steam packing - Craftsman radial arm saw - wood cut-off saw - cross cut saws - buck saw - draw knife - wood stirrers - endless belts - auger - iron wheels - cement blocks - aluminum extension ladders (40' and 20') - Kawasaki BSR 750 motorcycle - 1972 Datsun pickup, for parts - other items.

TERMS: Cash

JERRY HOPPER, Owner
R.D. #1
Hesston, PA
(814) 658-3603

Dale Gibboney-Glenn Metz, Auctioneers
AU335-L AU2242-L

Dairy and Livestock Sales

SAT. SEPT. 22 - 10AM, 96 Acre Dairy Farm, from Rt. 23 at East End of New Holland follow Ranck Rd. S. approx. ½ mi. to property, E. Earl Twp., Lanc. Co., PA, Estate Ivan M. Martin, Elton Horning Farm Agency, Aucts.

TUES. SEPT. 25 - 6PM, Guns of all descriptions. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

WED. SPET. 26 - 9AM, RE, Antiques, HH Goods, located at 572 N. Plum St., Lancaster, PA, Bertha T. Wolferd Estate, T Glenn Horst and Sons, Aucts.

THURS. SEPT. 27 - 6:30PM, RE and Personal Property, located just W. of Goodville along Rt 23, E. Earl Twp., Lanc. Co., Lester L. and Irene M Zimmerman, owners, Horning Farm Agency, Aucts.

FRI. SEPT. 28 - 9AM, A Harness Shop Consignment Inventory Reduction Sale-Tools and Hardware, located corner of Rt. 896 and N. Star Rd., Ronks, PA, Fisher's Harness Shop, owner, Miller and Siegrist, Aucts

SAT. SEPT. 29, Shrubbery & Supplies, along Rt. 897 1½ mi. SE of Blue Ball, Nevin Martin and Andrew Martin, Aucts.

SAT. SEPT 29 - 8AM, 80 Year Collection of Fine Antiques, History Books-York Co & Families, located take Rt 74 3 mi N of York to Davidsburg Rd, thence W 8/10 mi to Admire Rd., then SW 2 mi. to sale, Harry L. Wehler, owner, Clair R Slaybaugh, Auct.

SAT. SEPT. 29 - 9AM, RE, Antiques, & HH Goods, located at 1227 E. Newport Rd., Warwick Twp., Lanc. Co., PA, Anna E. Forney, T. Glenn Horst and Sons, Aucts.

SAT. SEPT. 29 - 10 30AM, 9 Acre Farm, Personal Property, located 1 mi. SW of Pitman, 1 mi. E. of Rt 125 at Jack's Spot Cafe, 7 mi. N. of Hegins, John H Stover and Miriam W Stover, owners, Mike and Geo Deibert, Aucts.

SAT SEPT 29 - 11AM, 182 Acre Beef & Grain Farm w/1800 Circa Stone Farm House, located in Adams and York Co, 4 mi N of E. Berlin, PA, on Rt 194, turn right on Bakers Watering Trough Rd, go 1 mi to Fish and Game Rd, turn left, 1st farm on right, Estate of Norman A. Trimmer, Blaine N Rentzel, Auct

OCTOBER

WED OCT 3, Annual Dairy Show and Sale, Show at 9 30AM and Sale at 12Noon, at the Belleville Livestock Mkt, Belleville, PA, Mark Glick, Auct

THURS OCT 4 and FRI OCT 5, Large Two Day Sale of Farm Equip, at Marion, PA, Ralph W Horst, Mgr

CONSIGNMENT AUCTION

For 2 Cylinder Tractors
Tractor Parts, Toys

Saturday, Sept. 22, 1990
Auction Time, 9:00 A.M.
Location: Rough & Tumble Museum Grounds East Of Lancaster, Kinzer, PA.

To consign items call:
LARRY NEAD, 215-932-9249
or JOHN LAUVER, 717-733-6319
If you want your items included on brochure, please have list in by Sept. 1, 1990
Paul E. Martin- AU-001601-L
717-733-3511
John D. Stauffer- AU-001509-L
717-665-5099

PUBLIC AUCTION

82 ACRE LIMESTONE FARM
SATURDAY, SEPTEMBER 1, 1990
Auction Time — 1:00 P.M.

LOCATED at 336 BRETHREN CHURCH ROAD, LEOLA, West Earl Township, Lancaster County, PA From Route 23 in Leola, take Brethren Church Road north approx. 3 miles to farm on left

2½ Story Brick w/Siding Home

with 1851 datestone Lg. eat-in kitchen w/modern cabinets, dining room, living room, family room; 1½ baths; 4 bedrooms. Attic and basement areas Oil, wood or coal fired hot water heat

- Original Corner Cupboard
- Walk-in Fireplace
- Well & Pressure System
- Arch Cellar
- Indian doors
- On Lot Sewer
- House Roof in Good Condition

Large Bank Barn

w/slate roof, 19 stanchions, steer stables, feed lot w/bunk feeder, **TOBACCO SHED** w/dampening cellar & stripping room

- Surge Pipeline Milker
- Lg Implement Shed
- 10' x 55' Silo
- Ressler Bunk Feeder
- 3-Car Garage
- Corn Barn
- 20' x 70' Sealed Concrete Silo w/Little David Unloader

NOTE: A VERY GOOD Limestone Farm. Small pasture w/stream. Mostly tillable, having frontage on Farmersville & Brethren Church Roads. Buildings are set back from road.

OPEN HOUSE: SATURDAY, AUGUST 18, 12:00 NOON - 3:00 P.M. or by appointment. For transportation, or appointment to see this fine farm, call Paul E. Martin, Auct., 717-733-3511.

TERMS: 10% down day of auction, balance at final settlement on or before March 1, 1991. **OWNER FINANCING** available to qualified buyers by **PRIOR WRITTEN APPROVAL ONLY.** For more infor. on owner financing call auct. at 717-733-3511 All herein information is believed to be accurate but is being used for advertising purposes only.

JAMES K. WEAVER, ATTORNEY

Auction By

Lloyd K. & Anna M. Huber

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Manheim, PA 665-5099

The celebration of the decade.

The Eisenhower Centennial Sale

August 18, 1990
At the Eisenhower Farm near Gettysburg, Pennsylvania

Schedule

August 17	**1 PM**	Guided Tours of Eisenhower Farm
August 18	**9 AM**	Educational Demonstrations begin
	1 PM	Sale begins
August 19	**9 AM**	Educational Demonstrations continue

Selling 50 select lots

Included in this elite offering from leading breeders throughout the U.S. will be show heifer prospects, proven donor and production females and some select embryos and flushes.

A&E Oak Haven
Angus Farm
Bessemer City, NC

Annalea Farms
Healdsburg, CA

Ascent Angus Farms
Oakland, IL

Ankony Shadow Isle
Watkins, CO

Bethany Hill Farm
Waynesboro, VA

Bippert Angus Farm
Alden, NY

Brookfield Farm
Massillon, OH

Byrnley
The Plains, VA

Dawn Acres Angus
West Friendship, MD

Double M Farms
Dublin, VA

GH2 Angus
York, PA

Glenkerry Angus
Greenwood, SC

Goldsborough Farm
Richmond, VA

Hartley Angus
Stephenville, TX

Hilltop Farms
Boyds, MD

Huntingdon Farm
Alexandria, PA

Indian Creek Farm
Sashistown, PA

Greg Krueger and Family
Coatesville, PA

Manx Farms
Newark, OH

McMullen Farms
Rockville, IN

Mt. Valley Angus
Lititz, PA

Outlaw Farms
Flemington, NJ

Pinnacle Farms
Decatur, GA

Rasweiler Farm
Old Westbury, NY

Salunga Acres
Mt Joy, PA

Spring Mill Farm
West Friendship, MD

Stonylonesome Farm
Stahlstown, PA

Summerstorm Farm
New Windsor, MD

T&J Farms
Dover, PA

Twin Oaks
Quarryville, PA

West Winds Farm
Chester Springs, PA

Whitestone Farms
Aldie, VA

Windigrove Farm
Waynesboro, VA

Windy Cove Farm
Middlebrook, VA

Woodruff Angus
Milton, IA

Yadkin River Angus
Clemmons, NC

Plan to join us for a historic weekend on the very farm where President Eisenhower started his famous Angus herd. This will be the first opportunity for visitors from across the nation to tour the entire Eisenhower Farm while attending the sale. Other activities include a birthday celebration banquet, a complete open house, tours and demonstrations. Plan to attend the exciting festivities!

Sale co-sponsored by the Pennsylvania Angus Association. For further information and your Eisenhower Centennial Celebration Sale catalog, contact TOM BURKE/DICK BECK/BILL BOWMAN, Sale Managers, AMERICAN ANGUS HALL OF FAME, at the WORLD ANGUS HEADQUARTERS, Smithville, MO 64089. Phone (816) 532-0811.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. OCT 6, Quilt and Baked Goods Sale, By The Strasburg Fire Co. No. 1

SAT OCT 6 - 9AM, Camp Deer Park Benefit Auction Diffenbach's New Holland Auction Center, Ltd , 100 West Jackson St , New Holland, Pa 17557 Diffenbach's Aucts

SAT. OCT 6 - 9AM, 117 Acre Farm and Antiques, located at 522 Weaver Rd , approx. 2 mi. S of Strasburg, PA, Roy H and Dorothy R Weaver, owners, Ron Funk and Gordon Ressler, Aucts

SAT OCT 6 - 1PM, 107 Acre Dairy Farm, 2 Large Broiler Houses (On Contract), Pine Grove, Schuylkill Co., PA, J. Earl Zimmerman, owner, Paul E Martin and John D Stauffer, Aucts.

FRI. OCT. 12, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI. OCT. 12 - 9 AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd , 100 West Jackson St., New Holland, Pa 17557. Diffenbach's Aucts.

WED OCT 17 - 10AM, 1200 Head, Barnesville Feeder Calf Sales, Inc., Aucts

FRI OCT 19 - State Graded Feeder Cattle & Dairy Hfr Sale. Receiving 8 30 til 3 P.M Feeder Cattle Sale 7 15 P M. Dairy Heifer Sale 8:15 P.M Carlisle Livestock Market Inc., Exit 12 East off I-81. 717-249-4511

SAT OCT. 20 - 9AM, Collectibles, Tractors, Sawmill, Trucks & Crawlers, located Northeastern Lanc Co., off Rt 441 between Middletown, PA and Marietta, PA, Bob Brandt, owner, Blaine and Nevin Rentzel, Aucts.

TUES. OCT. 23 and WED. OCT 24 - 9AM both days, Quilts, Crafts, & Buggies. Diffenbach's New Holland Auction Center, Ltd , 100 West Jackson St., New Holland, Pa 17557. Diffenbach's Aucts

FRI. OCT. 26, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT OCT. 27, Support for Prison Ministries Annual Benefit Auction, at Farmersville Auction, Glenn Hoover, Chairman, Local Auctioneers

WED OCT. 31 - 9AM, Dairy Show & Sale, New Holland Sales Stables, Inc , New Holland, PA.

NOVEMBER

FRI NOV. 2 - 6PM, 300-400 Heifers, All Sizes, located at the Belleville Livestock Mkt , Belleville, PA, Mark Glick, Auct

FRI NOV 9, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI. NOV. 9 - 9AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd , 100 West Jackson St., New Holland, Pa 17557. Diffenbach's Aucts.

SAT. NOV. 17, Hall-A-Way Farm Complete Holstein Dispersal, located Star Rt. 1, Shippensburg, PA, Wayne A. Hall, owner, Kling's Auctions, Inc., Sale Mgrs.

FRI. NOV. 23, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT. NOV. 24 - 9AM, Toys, Crafts, Gifts, & Tools. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

December

FRI DEC. 14, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. DEC. 28, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

CANADIAN HERD DISPERSAL FOR WEDNESDAY, AUGUST 15, 1990

50 COWS

This Herd Consists Of All Animals From A Canadian Dairymen Who Is Discontinuing His Milking Herd.

20 HEIFERS

FEATURING:

20 FANCY SPRINGING HEIFERS

50 MILK COWS, 31 HEAD DUE AUG., SEPT., OCT.

Balance Of Cows Are Fresh Or Due In Various Stages Of Lactation. Cows Are Milking Real Well Averaging 55-60 Lbs. Daily. (Note) This Is A Fall Freshening Herd Mostly Home Raised & AI Bred Milked In A Tie Stall Barn. Milk Weights And Breeding Information Will Be Announced On Sale Day. Some Real Fancy Cows Due This Fall (Could Be Prospects For Show Sales). 30 Day T.B. & Blood Test. Will Be Vet Checked For Pregnancy. Farmers Don't Miss This Sale If You Need Fall Milk.

Owners Alfred Albright & Marvin Miller

Sale Managed By New Holland Sales Stables
Norman & David Kolb

Barn Office 354-4341 *Res. 717-397-5538*

****

Also Selling

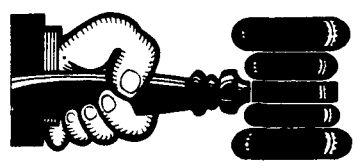
12 Purebred cows and 1 Bull from 1 herd. 11 cows fresh and 1 springing heifer. Bull a service age Dixie Crat son from a 27,000 lb. milk Dam with a 4.5% test.

Plus many more consignments.

Heifer Sale 11:00 A.M.
Fresh Cows & Springers at 12:00 Noon

SPECIAL NOTICE

P.S.- Albright & Miller Will Represent The Wm. Van Etter Herd Dispersal From Potter Co. At New Holland The Following Wed., Aug. 22. 80 Head Of Holsteins. (See Next Weeks Ad).



AUCTIONEER'S DIRECTORY

HFA HORNING Farm Agency, Inc. REALTOR MLS

Alvin Horning *Bus. (215) 286-5183*
Merle Eberly *Res. (215) 775-3745*
Alpheus L. Ruth..... Res. (215) 944-7543
Real Estate • Auctions • Appraisals

Kreider & Kline Auctioneers

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES — FARM STOCK SALES — LIQUIDATIONS

RANDAL V. KLINE, AUCTIONEER-REALTOR, 717-733-1006
LLOYD H. KREIDER, AUCTIONEER, 717-786-3394
ROY E. GOOD, JR., AUCTIONEER, 215-445-4309

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Conpsignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction
The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck load lots by the bale or ton starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

ELTON HORNING FARM AGENCY

REAL ESTATE - AUCTIONEER
MORTGAGE BROKER - APPRAISALS

RON & BOB BARD
717-786-1146 — 717-786-4246

Auctioneer:
Steve
Steve Jr. **Petersheim:**

Petersheim Auctioneers

COMPLETE AUCTION SERVICE

Antiques
Household Goods
Farm Equipment
Real Estate

Take Note - Our New Phone Number
215-593-2828

**** PLEASE NOTE DATE SEPTEMBER 14, 1990 ****

Sept. 14- 10:30 AM

Annual Heifer Sale

Friday, Sept. 14, 1990
10:30 AM DST

At The Shady Lane Dairy Sales Stables, Inc., ¼ Mile West Of Quarryville Off Oak Bottom Rd.

500 HEAD

Registered And Grade Holstein Heifers

500 HEAD

Starting With Small, Open Short Bred Fresh And Then Stock Bulls, Then Approx. 300 Head Springing. Selling Approx. At 1 O'Clock. If You Have Heifers To Sell Or Consign Please Give Us A Call. All Kinds Of Heifers Are In Demand. All Consignments Welcome. Please Have Heifers In By Thursday Nite, Sept. 13. All Heifers Sold Individually For A Better Price. 30 Day TB And Blood Tested.

Shady Lane Dairy Sales Inc.

Quarryville, Pa.

Phone Glen 1-717-786-2750
Dave 1-717-786-1725

**** PLEASE MAKE NOTE OF SALE DATE ****

MELVIN KOLB, INC.

MARYLAND MONTHLY COW SALE

Thursday Night,
August 16, 1990
7:30 P.M.

150- QUALITY HOLSTEINS -150

"The Place To Buy Good Dairy Cows"

LOCATION: ***At my Maryland Farm, located 1/2 mile northwest of Woodsboro, Route 550 in Frederick County.***

- ✳ 75 Fancy Fresh Grade Cows from New York, Wisc., New England States, and Canada. Really good cows with lots of milk; some milking 90-100 lbs. per day.
- ✳ 25 Fresh Grade First Calf Heifers with Lots of Milk
- ✳ 25 Fancy Springing First Calf Heifers
- ✳ 50 Head of Purebred Cows and Heifers. Fresh or Close to Calving. Mostly From the Most Popular Sires and Real Good Pedigrees. This is a Really Special Group of Purebreds. Too Many to List in This Ad. They Will Be Catalogued at Sale.
- ✳ 20 Top Fresh Cows (Many Milking Over 80 Lbs. Per Day). Selected From One Herd.
- ✳ Some Purebred and Grade Jersey Cows
- ✳ Some Nice Red & Whites
- ✳ 2 Holstein Bulls Breeding Age
- ✳ Some Purebred Heifer Calves From Good Cows in Sale

FARMERS: If you need milk to make base, come to this sale. We have lots of good fresh cows and heifers.

FREE TRANSPORTATION FOR LANCASTER CO. AMISH

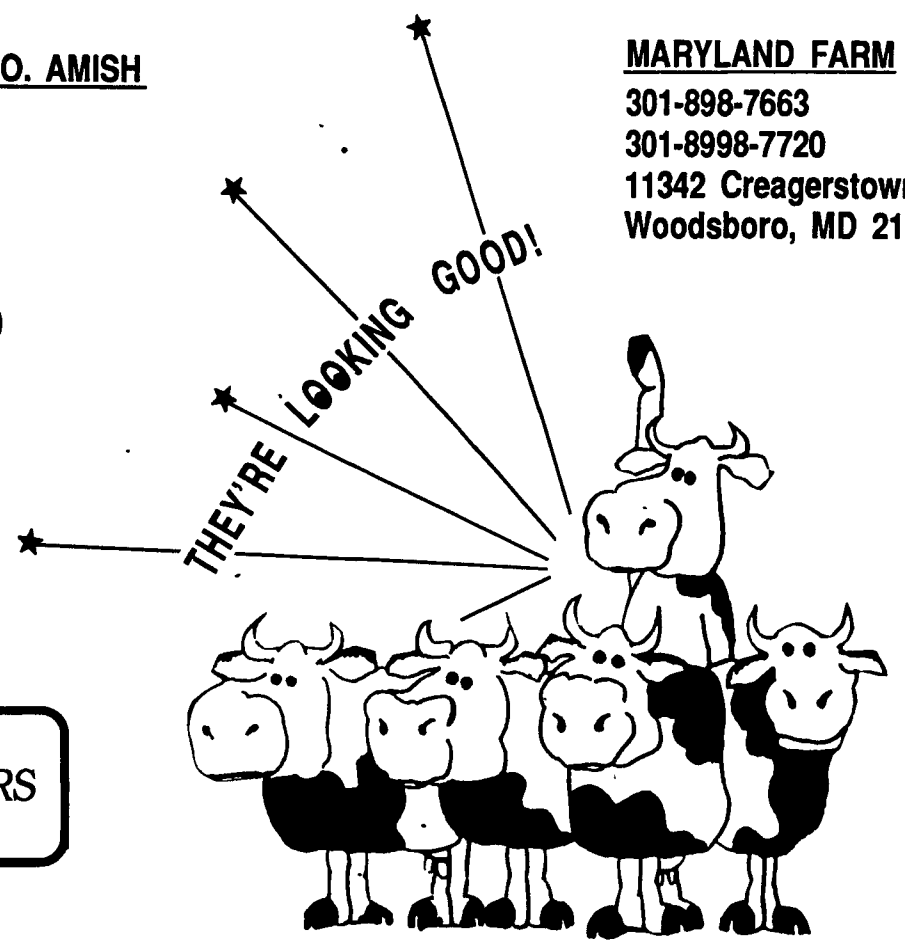
Please call 717-569-2106 or

717-569-6800 before 12:00 Noon

on Wednesday, August 15, 1990

Sale Managers: Tom & Mel Kolb
Auctioneer: Robert Mullendore (AU-000644-L)
Pedigrees: Henry Kettering

FREE FOOD FOR ALL DAIRY FARMERS



MARYLAND FARM
301-898-7663
301-8998-7720
11342 Creagerstown Rd.
Woodsboro, MD 21798

Purina Performance.®

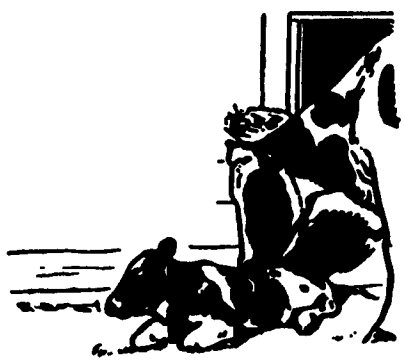
MEASURE THE PERFORMANCE

DARREL AND JANET ZIMMERMAN
WILLIAMSON, PA
FRANKLIN COUNTY

Purina Performance.®

Darrel and Janet Zimmerman along with their son, Lee, and his wife JoAnn operate an 85 cow holstein operation near Williamson, Pennsylvania. This Franklin County farm was purchased by Darrel and Janet in 1973, and they started milking cows there in the spring of 1974. They currently farm about 300 acres mostly in corn, barley and alfalfa. During the last few years they have added two new storage structures for forage and grain as well as putting in a mixer to blend their feeds.

Darrel and Lee took care of the feeding, and their program is balanced as follows:



T.M.R. balanced for 60 lbs. milk

35-40 lbs. alfalfa haylage
4 lbs. alfalfa hay
3 lbs. Purina Hi-E Milking Concentrate B31% UIP
19 lbs. barley/shelled corn
salt, mineral and buffer are added as needed.

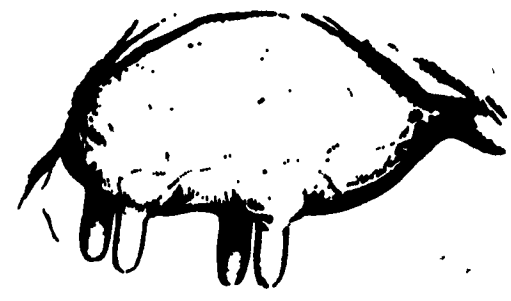
Parlor feed for cows over 65 lbs. milk

A mixture of dried shell corn, molasses, Purina Maxi-Tech 32FF and North Atlantic 40-D is fed in the parlor at 2.5 lbs./10 lbs. milk.

The Zimmermans switched to the Purina program in the fall of 1989. Listed below is the monthly milk average/cow on all milking animals:

* October -	53.0	March -	62.6
November -	58.2	April -	63.2
December -	57.9	May-	60.4
- January -	60.4	June -	60.9
February -	61.6	July -	60.4

* Started on Purina



Here are some comments that Darrel and Lee had to share about their results on Purina:

- "Since starting on Purina our cows have averaged 5 lbs. higher/cow/day for every month versus the same period a year ago."
- "The cows are more persistent in their milk and don't fluctuate as much".
- "Our butterfat has run higher every month as well".
- "The cows are breeding back quicker and are in much better health since starting on the program."
- "Service from our Purina Dealer, Franklin Feed and Supply, and from our Dairy Specialist with Purina are excellent".

Purina Mills would like to thank the Zimmermans for sharing their records with us and wish them continued success in the future.

WARRIOR'S MARK FEED CENTER
P.O. Box #130
Warriors Mark, PA 16877
814/632-5490

FARMER'S UNION CO-OP
30 East Walters Avenue
Greencastle, PA 17225
717/597-3191

K & K FEED, INC.
23 N. Park Street
Richland, PA 17087
717/866-2324

H.R. WENTZEL SONS., INC.
Box 6 Bloomfield Ave.
Newport, PA 17074
717/789-3306

THE OXFORD GRAIN & HAY CO.
1212 Railroad Ave.
Oxford, PA 19363
215/932-8521

BEDFORD FARM BUREAU
Bedford PA 814/623-6194
Everett, PA 814/652-2313
New Enterprise, PA 814/766-3329

* Trademark - Ralston Purina Co.

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717/768-3301

Unionville, PA 19375
215/347-2377

ANTHONY'S FEED MILL
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Strausstown, PA 19559
215/488-6211

UMBERGER'S MILL
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GLENVILLE FARM CENTER
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717/369-3724

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Williamsport, MD 21795
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Berrysburg, PA 17005
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WOODSTOWN ICE & COAL CO., INC.
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Oley, PA
215/987-3568

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Clayton, DE 19938
302/653-8011

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Morgantown, PA 19543
215/286-9029

TRI COUNTY AG CENTER, INC.
McVeytown, PA 17051
717/899-6772

PURINA MILLS, INC.

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